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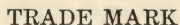
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THE OSCAR C. RIXSON CO.
CHICAGO, U. S. A.



JULY, 1940

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THE OSCAR C. RIXSON CO.
CHICAGO, ILL.

REPRESENTED BY

George Pariot, Inc.	2034 Webster Ave., New York, N. Y.
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Luke Seawell	152 Nassau St., Atlanta, Ga.
Fred J. Allen	1834 Broadway, New Orleans, La.
George E. Tupper	116 New Montgomery St., San Francisco, Cal. 909 Santa Fe Ave., Los Angeles, Cal.
Ernest R. Spragg	414 Seventeenth Ave. North, Seattle, Wash.
Richards-Wilcox Canadian Co., Ltd.	London, Ont., Canada



THE OSCAR C. RIXSON COMPANY

*For Forty Years Rixson Has Pioneered
Concealed Door Control*

We do not give a list of reference installations, because practically every prominent modern building in the larger cities has its main doors controlled by Rixson floor checks. The hundreds of thousands in use attest the wide acceptance of Concealed Door Control.

The development of the RIXSON line of FLOOR CHECKS, whose reliability and fitness have earned them a world-wide reputation and the unqualified specification of architects and builders for years. RIXSON floor checks have been IMITATED but NEVER EQUALED.

We now take pleasure in presenting the latest development in floor checks, RIXSON UNI-CHECK, giving full concealment for single-acting interior doors and at approximately the same cost as the conventional surface door closers and butts.

In keeping with the basic RIXSON principal of Concealed Door Control, two styles of CONCEALED OVERHEAD DOOR CHECKS have been developed, to be used where floor thickness does not permit the use of a floor check.

Recently the SERIES 350 CHECKING PIVOT HINGE was introduced. This is for use on Single or Double-Acting lavatory stall doors, dwarf doors, rail gates, etc. These are a great improvement over the old style spring and gravity type pivots due to the checking action.

Our line of EXTRUDED AND ABRASIVE THRESHOLDS is very complete with designs for use with and without floor checks.

In addition to door closing devices, a number of mechanisms of distinction are produced such as Door Stays and Holders, Concealed Transom Operators, Casement Operators, Friction Holders and Stays, Cremorne Bolts, Olive Knuckle Hinges, and several styles of Adjustable Ball Hinges for heavy duty doors.

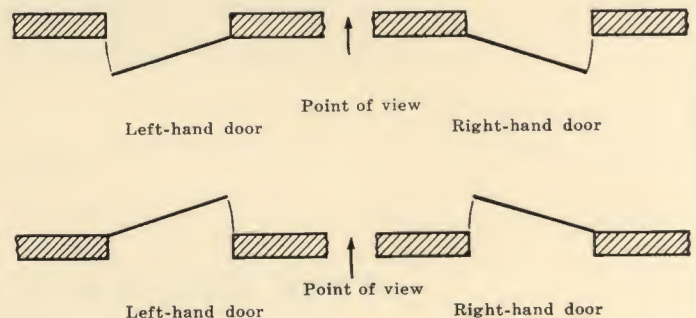
The Purpose of This Catalog

With such a background we offer this catalog for the assistance of architects, builders, and hardware-men in specifying and scheduling RIXSON PRODUCTS in connection with their work, with the pledge that we will always maintain the high quality on which this business has been built.

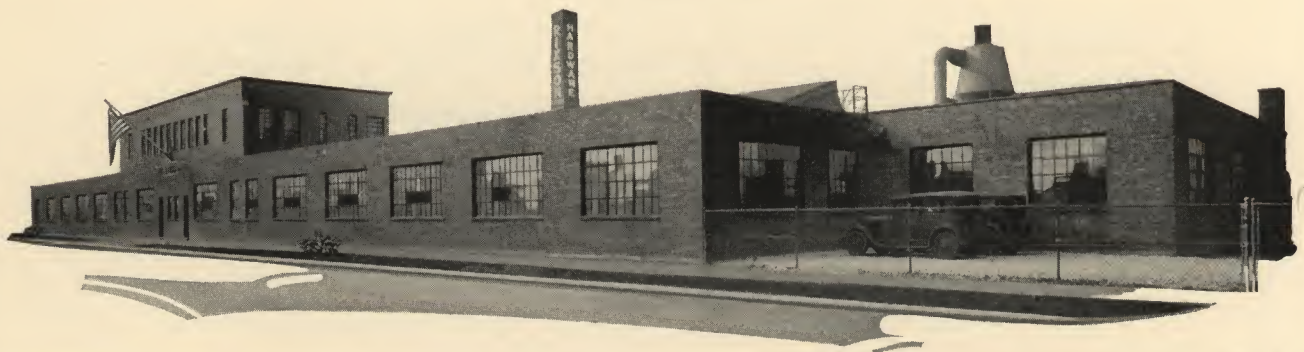
Our Engineering, Designing and Service Departments are also at your disposal and will gladly assist in the solution of special problems.

The Hand of Doors

In handing Rixson devices we have established the following rule: facing a door swinging away from you—if it opens to the right hand it is a right-hand door—if it opens to the left hand it is a left-hand door. See diagram below.



The Hand of Floor Checks and Hinges





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COMPARATIVE LIST OF SYMBOLS RELATING TO STANDARD FINISHES

United States Standard	Description of Finishes	Rixon		Corbin	Lock-wood	Norwalk	Reading	Russwin	Sargent	Penn	Yale
		Steel	Brass								
USP	Primed for Paint.	FS			P	PC	PR	PC	PC	PC	J
US1B	Bright Japanese.			J	J	J	J	J	J	J	DJ
US1D	Dead Black.	F3		D	JF	DJ	DJ	DB	W	Cadmium	CM
US2C	Cadmium Plated.	F2			4 1/2	CA	CA	Cadmium		Galvanized	
US2G	Zinc Electroplated.	F2		G	Z	G	GL	Electro Galvanized	ZD		
US2H	Zinc Hot Dipped.							Hot Dipped Galv.			
US3	Bright Brass.	F4P	AP	A	13 1/2	PK	31	10	B	BB	AZ10
US3A	Bright Brass, No Lacquer.	F4PNL		ANL	13 1/2 N	PKNL	31 N	10 N	NLB	BBNL	AZ110
US4	Dull Brass.	F5P	A1P	EA	13	K	37	9	OB	DB	AY22
US5	Dull Brass Oxidized and Relieved.	F6P	A6P	KA	43	KR	371	9C	OE	DER	AY21
US9	Bright Bronze.	F7P		B	1	B	1	11	P	BBZ	BZ10
US9A	Bright Bronze, No Lacquer.	F7PNL		BNL	INL	BNL	INL	11 N	NLP	BBZNL	BZ110
US10	Dull Bronze.	F7		DB	34	DB	221	11D	OP	DBZ	BY22
US10A	Dull Bronze Oxidized and Lacquered.				39			11C (On Plain Goods)	O6P	DBZRO (On Plain Goods)	1859B
US10B	Dull Bronze Oxidized and Oil Rubbed.				390R	DBRZ	2210R	11W (On Design Goods)	O3P	DBZRO (On Plain Goods)	BY23
US11	Dull Bronze Oxidized and Relieved.	F8P		HB	23	DBR	271	11C (On Design Goods)	O6P	DBZRO (On Plain Goods)	BY21
US11A	Dull Bronze Oxidized and Reliev., No Lacq.	F8PNL			23 N	DBRNL	271 N	F11C N (On Design Goods)	NLO6P	DBZRN	BY121
US14	Nickel Plated.	F14P	A14P	E	5	NP	80	4	N	BN	NZ10
US15	Dull Nickel Plated.	F15	A15	DE	90	DN	77	14	LN	DN	NY10
US15A	Dull Nickel Plated Oxidized and Relieved.			KE	91	DNR	771	14C	L5N	DNR	NY21
US17A	Nickel Plated Imitation Half Polished Iron										
US18	Sanded Oxidized and Relieved.				92 1/2	HP	789	16 1/2	HF	SN6	NX21
US18A	Bower Barff.	F3		F	31	R1	87	46	BB	RP	FX80
US19	Sanded Rust Resisting Black.			IKF	32	RIP		G47	PK		PX80
	Sanded Dead Black.	F13S	A13S	KF	6	HW	87 1/2	F47	BN	IRP	BX80 Brz.
US20	Statuary Bronze.										FX90 Steel
US25	White Bronze Metal.	F9P	A9P	KB	38	SB	222	2	A	BBZ4	1855B
US25D	White Bronze Metal Dull.			NK	95	NM	81	44	EM	White Bronze	NZ40
US26	Chrome Plated.			DNK	95D	DNM	81D	44D	DEM	Dull White Bronze	NY40
US26D	Chrome Plated Dull.		A19P	CR	96	CP	CP	24	CM	BCH	DZ10
			A19PS	DCR	97	DCP	DCP	34	DCM	DCH	DY10

The above list of finishes represents a fair comparison of the different manufacturers. When exact finish is wanted specify symbol of finish desired and submit sample.

White metal furnished only in quantities and on application.

SECTION A

**DOOR CLOSING AND DOOR HANGING DEVICES
AND THRESHOLDS**

SINGLE-ACTING FLOOR CHECKS

DOUBLE-ACTING FLOOR CHECKS

**CONCEALED SINGLE-ACTING OVERHEAD
DOOR CHECKS**

SINGLE-ACTING SURFACE OVERHEAD CHECKS

DOUBLE-ACTING OVERHEAD CHECKS

SINGLE AND DOUBLE-ACTING CHECKING PIVOT HINGES

PIVOT SETS

ADJUSTABLE BALL HINGES

OLIVE KNUCKLE HINGES

FRICTION HINGES

DOOR HOLDERS

EXTRUDED AND CAST ABRASIVE THRESHOLDS



A SUGGESTED SPECIFICATION FOR FLOOR CHECKS, CONCEALED OVERHEAD DOOR CHECKS, AND CHECKING PIVOT HINGES

These SPECIFICATIONS are intended for the use of the ARCHITECT, ENGINEER, BUILDER and HARDWARE MAN, who, impressed with the MERITS of "RIXSON" products and their adaptability to his work wants "RIXSON" QUALITY, APPEARANCE and PERFORMANCE.

Specifications, as the word implies, should be specific. The use of "or equal" in a specification is indefinite and open to abuse, from the improper selection of style or size, to the substitution of inferior, certainly cheaper, make.

We believe that the following specification will be of material service to those desiring to secure the proper style and size FLOOR CHECKS and CONCEALED OVERHEAD CHECKS of "RIXSON" QUALITY, APPEARANCE, PERFORMANCE, and not goods of questionable quality.

Single-Acting Floor Checks, Offset Type, Exterior and Vestibule Doors, Heavy Duty Interior Doors

—shall be provided with RIXSON No. 20 single acting floor check for interior doors not over 3' 6" wide; for outswinging entrance and vestibule doors not over 2' 10" wide; for inswinging entrance and vestibule doors not over 2' 6" wide. RIXSON No. 25 single acting floor check for extra heavy interior doors not over 4' wide; for entrance and vestibule doors over 2' 10" wide.

Federal Specification FF H 121a

Type 3520-A

Size II Rixson No. 20

Size III Rixson No. 25

Doors over 7' 0" high shall be provided with Rixson No. 19, or No. M19 Modern, or No. A19 Asylum, or No. 119, or No. M119 Modern side jamb pivot.

Federal Specification FF H 121a

Type 3525 Rixson No. 19

Single-Acting Floor Checks—Offset Type—Ordinary Interior Doors

—shall be provided with RIXSON No. 18 single acting floor check for ordinary interior doors not over 3' 0" wide.

Federal Specification FF H 121a

Type 3520-A

Size I Rixson No. 18

Single-Acting Floor Checks—Offset Type—Interior Doors

—shall be provided with RIXSON UNI-CHECK (Size W) single-acting floor check for interior doors 2' 8" wide and under. RIXSON UNI-CHECK (Size X) single-acting floor check for interior doors over 2' 8", but not more than 3' 0" wide. RIXSON UNI-CHECK (Size Y) single-acting floor check for interior doors over 3' 0" wide, but not more than 3' 4" wide. RIXSON UNI-CHECK (Size Z) single-acting floor check for interior doors over 3' 4" wide.

Above shall be provided with any one of the following top pivots—

I—malleable iron, sand-blasted for painting. B—special RIXSON alloy cast bronze.

BB—drop-forged brass, bronze, aluminum, or steel with compensating type ball bearing.

Where side jamb pivot is required, provide with RIXSON No. 119 or No. 119M Modern side jamb pivot.

Single-Acting Floor Checks—Center Pivoted Exterior and Vestibule Doors—Heavy Duty Interior Doors

—shall be provided with RIXSON No. 21 single-acting floor check for interior doors not over 3' 6" wide; for outswinging entrance and vestibule doors not over 2' 10" wide; for inswinging entrance and vestibule doors not over 2' 6" wide. RIXSON No. 26 single-acting floor check for extra heavy interior doors not over 4' wide; for entrance and vestibule doors over 2' 10" wide.

Federal Specification FF H 121a

Type 3520

Size II Rixson No. 21

Size III Rixson No. 26



SPECIFICATIONS—(Continued)

Single-Acting Floor Checks—Center Pivoted—Ordinary Interior Doors

—shall be provided with RIXSON No. 18½ single-acting floor check for ordinary interior doors not over 3' 0" wide.

Federal Specification FF H 121a

Type 3520

Size I Rixson No. 18½

Single-Acting Floor Checks—Exterior and Vestibule Doors—Heavy Duty Interior Doors—Independently Hinged

—shall be provided with RIXSON No. 321 single-acting floor check for interior doors not over 3' 6" wide; for outswinging entrance and vestibule doors not over 2' 10" wide; for inswinging entrance and vestibule doors not over 2' 6" wide. RIXSON No. 326 single-acting floor check for extra heavy interior doors not over 4' wide; for entrance and vestibule doors over 2' 10" wide.

Single-Acting Concealed Overhead Door Checks, Concealed Arm—Independently Hinged—Exterior and Vestibule Doors—Heavy Duty and Ordinary Interior Doors

—shall be provided with RIXSON No. 220 single-acting overhead concealed check, for interior doors not over 3' 6" wide; for outswinging entrance and vestibule doors not over 2' 10" wide; for inswinging entrance and vestibule doors not over 2' 6" wide. RIXSON No. 225 single-acting overhead concealed check for extra heavy interior doors not over 4' wide; for entrance and vestibule doors over 2' 10" wide.

Single-Acting Concealed Overhead Door Checks—Concealed Arm—Independently Hinged—Ordinary Interior Doors

—shall be provided with RIXSON No. 100 single-acting overhead concealed check for ordinary interior doors not over 3' wide.

Single-Acting Concealed Overhead Door Checks—Exposed Arm—Independently Hinged—Exterior and Vestibule Doors—Heavy Duty and Ordinary Interior Doors

—shall be provided with RIXSON No. 420 single-acting overhead concealed check; for interior doors not over 3' 6" wide; for outswinging entrance and vestibule doors not over 2' 10" wide; for inswinging entrance and vestibule doors not over 2' 6" wide. RIXSON No. 425 single-acting overhead concealed check for extra heavy interior doors not over 4' wide; for entrance and vestibule doors over 2' 10" wide.

Double-Acting—Exterior and Vestibule Doors—Heavy Duty Interior Doors

—shall be provided with RIXSON No. 30 double-acting floor checks for heavy interior doors not over 3' 6" wide; for entrance and vestibule doors not over 2' 10" wide. RIXSON No. 40 double-acting floor check for extra heavy interior doors; for entrance and vestibule doors over 2' 10" wide.

Federal Specification FF H 121a

Type 3510

Size I Rixson No. 30

Size II Rixson No. 40

Double-Acting—Ordinary Interior Doors

—shall be provided with RIXSON No. 10 double-acting floor check (with hold-open, No. 12 without hold-open) for doors not over 2' 10" wide; RIXSON No. 15 double-acting floor check (with hold-open, No. 16 without hold-open) for doors not over 3' 10" wide.

Federal Specification FF H 121a

Type 3500

Size II Rixson No. 10 and No. 12

Size III Rixson No. 15 and No. 16

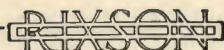
Single and Double-Acting, Checking Pivot Hinges

Pivoted (Pivots, Flanges and Brackets furnished) or

Independently Hinged (Flanges or Brackets furnished).

Lavatory Stall Doors, Dwarf Doors, Rail Gates, Coupon Booth Doors, etc.

—shall be provided with RIXSON Series 350 Checking Pivot Hinge for Stall, Dwarf and Coupon Booth Doors and Rail Gates not over 3' 4" wide.



SINGLE ACTING FLOOR CHECKS No. 18, No. 20, No. 25

OFFSET TYPE (HANDED)

RIXSON SINGLE ACTING FLOOR CHECKS Nos. 20 and 25 have been on the market for so many years and have given such uniformly good service that they are considered the "YARD STICK" or STANDARD in Floor Checks. These two floor checks with the smaller No. 18 allow doors to be opened to 180 degrees (trim permitting). They have the valuable up and down adjustment feature which permits raising or lowering the doors to eliminate drag or bind and have ADJUSTABLE SPRING TENSION to meet varying wind or draft conditions.

The case containing the mechanism is of fine texture grey iron and is set in a grey iron cement case which is imbeded in the floor (bronze cement case can be furnished at extra cost). The interior mechanism is made of the highest grade of FORGINGS, STAMPINGS AND CASTINGS with every part subject to wear CASE-HARDENED, and all moving parts immersed in a lubricating checking liquid minimizing wear. This liquid will not freeze at 40 degrees below zero.

As the entire weight of the door rests on a Drop-forged, Case-hardened and Ground Steel Spindle supported in the device on ten $\frac{3}{4}$ " Ball-Bearings which run in a Case-hardened Ball-race with specially designed radial upper spindle roller bearing, doors weighing 475 lbs. have been mounted on this check with entire satisfaction. The bottom arms which connect with the spindle are steel forgings. The No. 18 check has a plain upper spindle bearing and a malleable iron bottom arm.

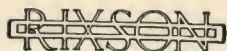
The Regular Top Pivot (B.B.) for Nos. 20 and 25 is furnished in BRONZE, BRASS, ALUMINUM AND STEEL FORGINGS and has a PATENTED SELF-ALIGNING BALL-BEARING with Case-hardened Steel Pin, thereby positively preventing wear and holding the door always in alignment. The regular top pivot (B.) of the No. 18 is a bronze casting and has a plain bearing.

Floor Checks Nos. 20 and 25 also have the PATENTED RELEASE VALVE which prevents damage to the door or the mechanism when closing action is forced. All three checks are always furnished with Cement Cases unless otherwise ordered.

On segment head doors, the following side jamb pivots No. 19, No. 119, No. A19 Asylum, No. M19 Modern, or No. M119 Modern should be used in lieu of the regular top pivot. Side jamb or intermediate pivots should also be used in addition to the regular top pivot where doors are unusually heavy or over 7' 6" high and also on extra wide doors. See Page 10 for illustrations of pivots.

Where extra heavy doors are encountered, such as lead lined doors, special No. 25 checks and top pivots can be provided.

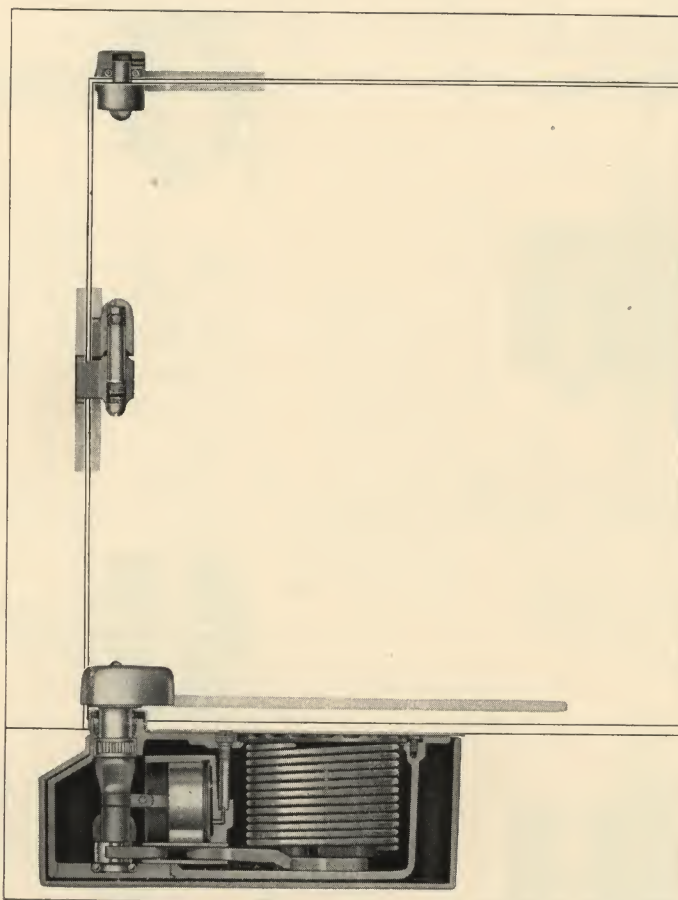
Special long throw arms and pivots can be furnished for No. 18, No. 20, and No. 25 checks where the door must clear thick trim in order to be opened to 180 degrees.



SINGLE ACTING FLOOR CHECKS No. 18, No. 20, No. 25
OFFSET TYPE (HANDED)

FEDERAL SPECIFICATIONS FF-H-121a TYPE 3520A
SIZES I-II-III

NO. 19 INTERMEDIATE PIVOT, TYPE 3525



To insure obtaining genuine "Rixson" specify by name and number without substitution.

- No. 18. For Light Interior Doors not over 3 feet wide.
- No. 20. For Interior Doors not over 3 feet, 6 inches wide.
 For Outswinging Entrance and Vestibule doors not over 2 feet, 10 inches wide.
 For Inswinging Entrance Doors not over 2 feet, 6 inches wide.
- No. 25. For Extra Heavy Interior Doors not over 4 feet wide.
 For Entrance and Vestibule Doors over 2 feet, 10 inches wide.

Intermediate pivots are recommended to be used in connection with the above floor checks in addition to top pivots to keep door in alignment, or in place of top pivot on segment head doors. See Page 10 for the various Top and Side Jamb Pivots which can be used with the above floor checks.

Packed with Wood Screws unless otherwise ordered. Specify Hand.

Finish, Dull Bronze unless otherwise specified.

Weight, No. 18—19 lbs., packed one in carton; Weight, each, No. 20—29 lbs.; Weight, each, No. 25—36 lbs., packed 2 in wood case.

SEE PAGES 6 AND 7 FOR SUGGESTED SPECIFICATIONS
EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS, PAGES 60, 61, AND 62
SEE SECTION C FOR PARTS

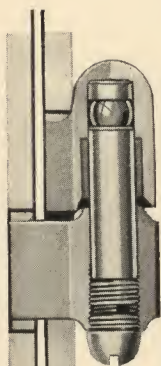


PIVOTS FOR SINGLE ACTING FLOOR CHECKS

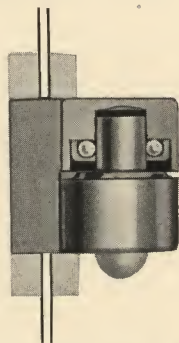
No. 18, No. 20, No. 25, AND UNI-CHECK

OFFSET TYPE (HANDED)

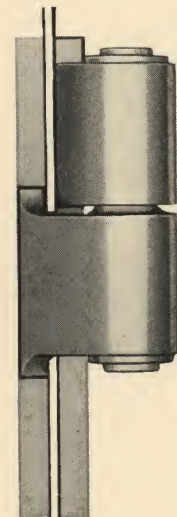
RIXSON TOP PIVOTS AND SIDE JAMB PIVOTS ARE FURNISHED IN BRASS, BRONZE, ALUMINUM AND STEEL FORGINGS FOR EXTRA STRENGTH



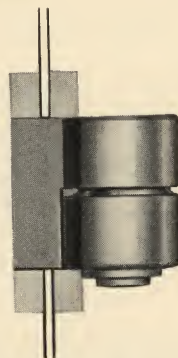
← No. 19 Side Jamb Ball Pivot. Self-lubricating Bronze Bearing. Forged Brass, Bronze, or Aluminum Leaves.



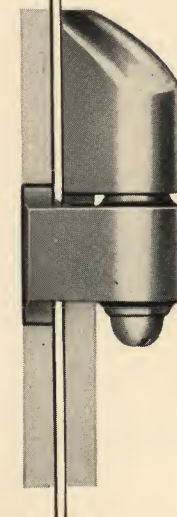
No. 119 Side Jamb Pivot. Ball Bearing. Extruded Brass or Bronze Leaves.



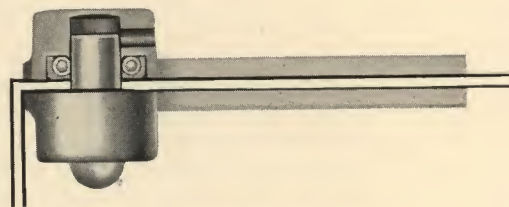
← No. M19 Modern Side Jamb Ball Pivot. Self-lubricating Bronze Bearing. Cast Brass, Bronze and Aluminum Leaves.



No. M119 Modern Side Jamb Pivot Ball Bearing. Extruded Brass or Bronze Leaves.



← No. A19 Asylum Side Jamb Pivot. Self-lubricating Bronze Bearing. Cast Brass, Bronze and Aluminum Leaves.

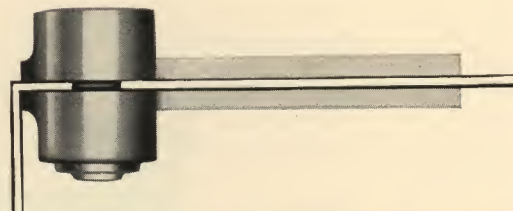


Regular Top Pivot.

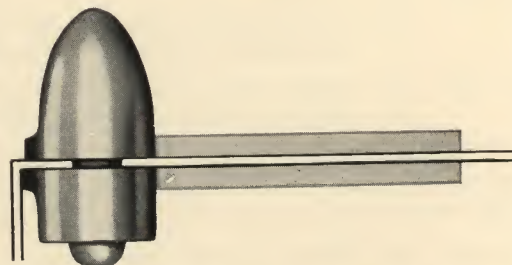
B.B.—Ball Bearing, Forged Brass, Bronze, Aluminum or Steel Leaves.

B.—Plain Bearing, Cast Bronze Leaves.

I.—Plain Bearing, Malleable Iron Leaves.



Top Pivot—Modern Design. Ball Bearing—Forged Brass, Bronze, Aluminum, or Steel Leaves.



Top Pivot—Asylum Design. Ball Bearing—Cast Brass, Bronze and Aluminum Leaves.

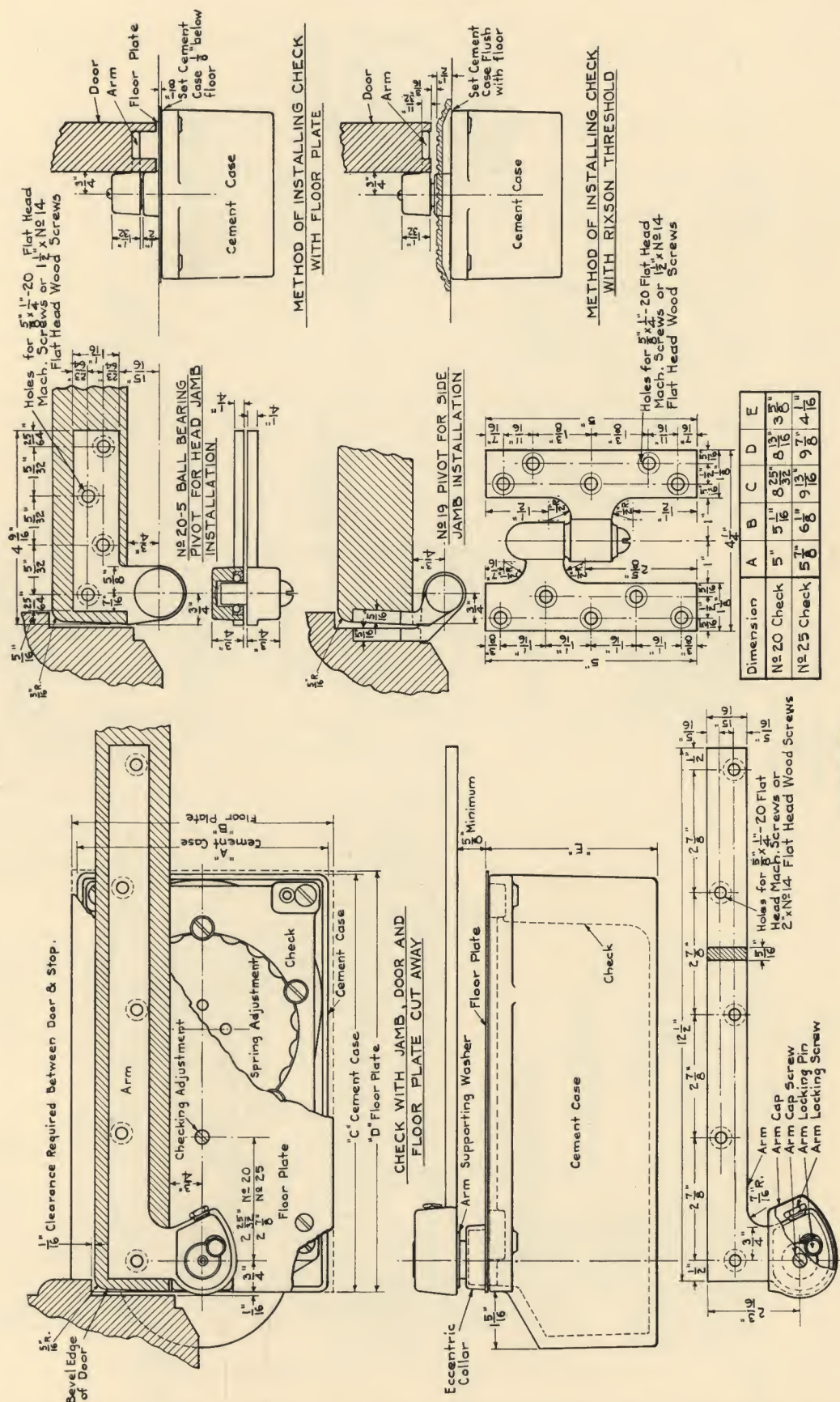
No. 19 Side Jamb Pivot Federal Specification FF-H-121a Type 3525

WE RECOMMEND the Ball Bearing Top Pivot for use wherever possible. Side Jamb Pivots are intended as Intermediate Pivots and for use where the Regular Top Pivot cannot be used.

SEE PAGES 6 AND 7 FOR SUGGESTED SPECIFICATION FOR FLOOR CHECKS

OFFSET TYPE

For Entrance and Vestibule Doors

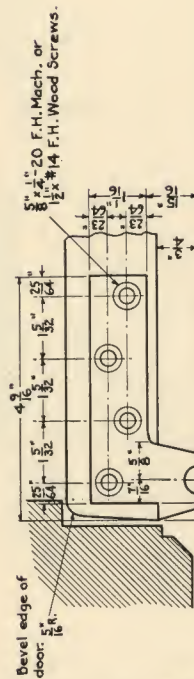


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SINGLE-ACTING FLOOR CHECK No. 18

OFFSET TYPE

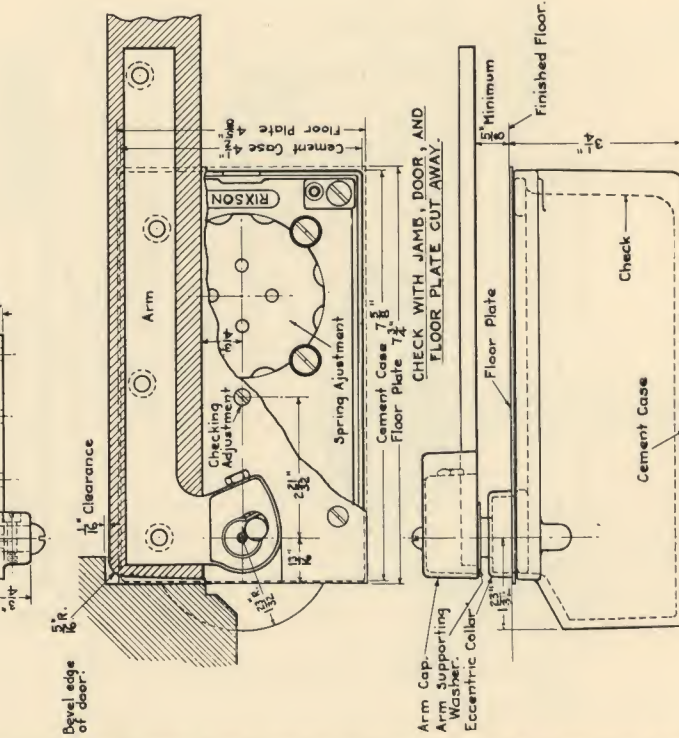
For Interior Doors



NO. 18. TOP PIVOT - FOR HEAD JAMB INSTALLATION.



NO. 19 PIVOT FOR SIDE JAMB INSTALLATION.



METHOD OF INSTALLING CHECK WITH FLOOR PLATE.

METHOD OF INSTALLING CHECK WITH RIXSON THRESHOLD

Copyright 1936



SINGLE-ACTING FLOOR CHECKS No. 120, AND No. 125

OFFSET TYPE (HANDED)

FEDERAL SPECIFICATION FF-H-121a, TYPE 3520A, SIZES II AND III

On Heavy doors and on doors where the Vertical Adjustment afforded by the regular No. 20 and No. 25 Floor Checks is not desirable Rixson No. 120 and No. 125 serves a very definite purpose as the door cannot drop down on the spindle of the check and ride on the Threshold. The spindle of Floor Checks No. 120 and No. 125 is tapered as in the Single Acting Floor Checks Nos. 21 and 26 and Double Acting Floor Checks Nos. 30 and 40 and a specially designed forged steel arm fits snugly upon it. The entire weight of the door must rest upon the spindle of the check.

The Regular Ball Bearing (B.B.) Top Pivot as furnished with No. 20 and No. 25 Floor Checks (See Page 10) is used with these checks and when advisable a Rixson Side Jamb Pivot (Page 10) can be used but the pivot pin must be retracted so that no part of the weight of the door rests upon it.

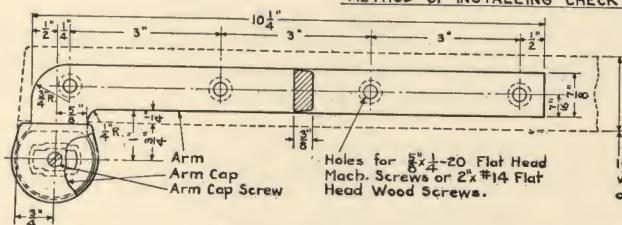
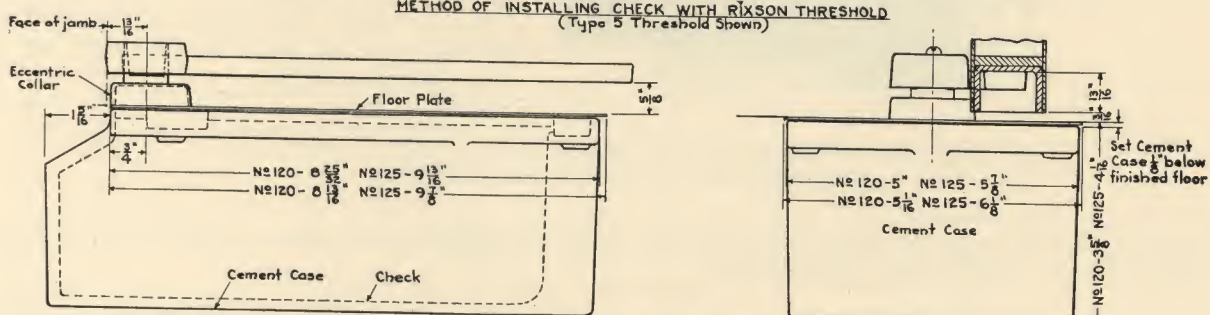
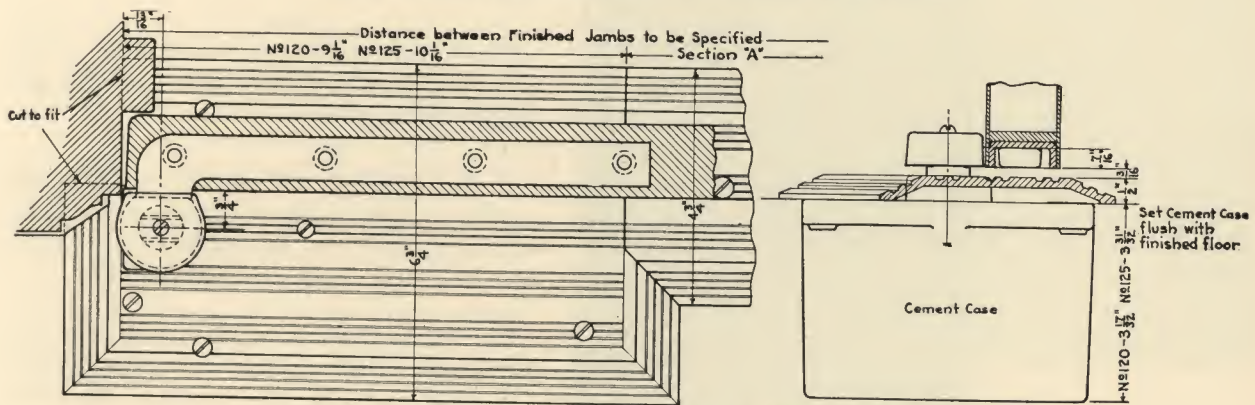
When Regular (B.B.) Top Pivot is used this check is also suitable for doors of a minimum thickness of $1\frac{3}{8}$ ". When a Side Jamb Pivot is used minimum thickness of door can be $1\frac{1}{2}$ ".

A Cast Iron Cement Case is always furnished with these Checks.

No. 120. For Same Size Door as No. 20, Pages 8 and 9.

No. 125. For Same Size Door as No. 25, Pages 8 and 9.

For All Other Information See No. 20 and No. 25 Checks.



Note: For further information on thresholds see Drawing T-5-6-700. No. 120 & 125 Checks take the same thresholds as No. 20 & 25. For information on No. 19 Pivot and No. 20-5 Top Pivot see Drawing T-20-5.

BLUE PRINT TEMPLATES FURNISHED ON REQUEST

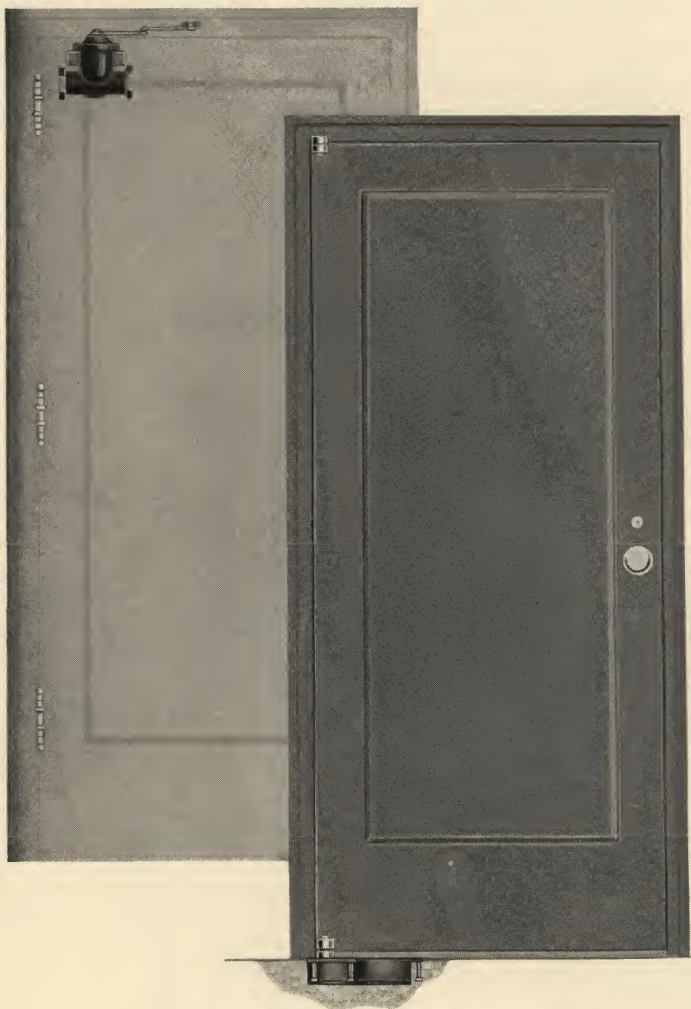
EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS, PAGES 60, 61, AND 62

RIXSON
OR RIXSON

A UNIQUE
DEVICE

UNI-CHECK

FOR INTERIOR
DOORS



SINGLE ACTING
OFFSET TYPE (HANDED)

UNI-CHECK has been developed to bring to interior doors the same long-enduring service, smooth operation, that obtains with our larger floor checks.

It is designed and engineered to fit the special architectural requirements of interior doors and thresholds.

A floor check having only a few rugged parts and free from all complicated adjustments.

FINALLY—a floor check coming within the price range generally accepted for self-closing INTERIOR DOORS.

In UNI-CHECK we offer a UNIQUE combination of floor check, pivots, and threshold that meets a long-felt want of the discriminating architect and builder.

UNI-CHECK is a complete door mounting mechanism: No hinges are required; no unsightly arms project, whether the door is open or closed. The check is concealed by the threshold, or door when closed where no threshold is used.

MOUNTING DOOR DIRECTLY ON FLOOR CHECK REDUCES
CONNECTING PARTS TO A MINIMUM

UNI-CHECK has only S-I-X (6) moving parts, including plunger and spring, all amply proportioned for long, smooth, trouble-free performance.

The top and bottom pivots that carry the door leave nothing to be desired in strength or smoothness of operation and enhances the architectural appearance of fine doors. This method of mounting and operating doors, PIONEERED BY RIXSON, has been proven over forty years to be mechanically and architecturally right, as evidenced by the main doors in thousands of prominent buildings the world over. WE NOW MAKE IT AVAILABLE FOR ALL INTERIOR DOORS.

UNI-CHECK is suitable for any interior door—WOOD OR METAL. It can be set in practically any type of floor, wood or masonry. It does not weaken, on the contrary fortifies the door construction.

No complicated adjustments have to be made. One simple, readily accessible, screw valve regulates the closing speed. Properly proportioned, carefully tensioned springs are built in at the factory and the hazard of broken springs, THE BANE OF DOOR OPERATING MECHANISMS, is reduced to inconsequence.

A UNIQUE DEVICE

UNI-CHECK

FOR INTERIOR DOORS

UNI-CHECK is made in four spring capacities.

W for doors 2' 8" wide and under.

X for doors over 2' 8" but not more than 3' 0" wide.

Y for doors over 3' 0" but not more than 3' 4" wide.

Z for doors over 3' 4" wide.

All sizes are readily interchangeable as only one size of check case is used. IT TAKES BUT FIVE OR SIX MINUTES TO DEMOUNT DOOR AND REPLACE ONE UNIT WITH ANOTHER.

UNI-CHECK permits a standard single acting door to swing open 180 degrees and clear 1½" trim. From any point in its swing up to 160 degrees it closes the door quietly and positively. At 160 degrees UNI-CHECK holds the door open automatically.

IT CAN ALSO BE SUPPLIED WITH AUTOMATIC HOLD-OPEN FOR 90 DEGREE OPENING.

Special types of door holders are also available, such as multi-point hospital door holder. Write for information.

A novel means of anchoring in masonry floor by means of metal plugs and a sheet metal covering greatly facilitate installation of UNI-CHECK in this type of floor.

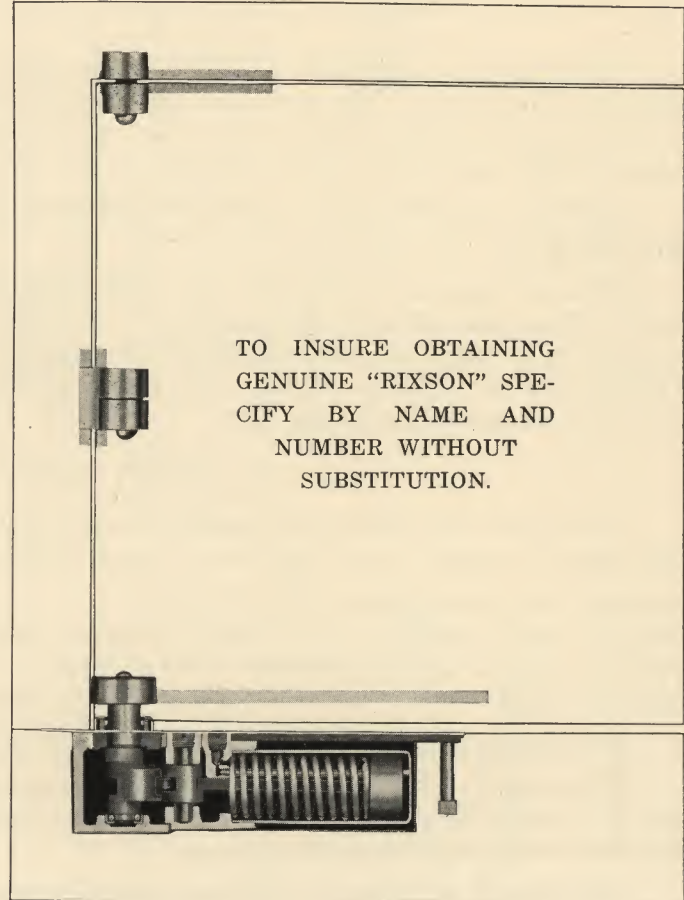
Top pivots are available in

I malleable iron, primed for painting.

B cast bronze metal.

BB drop-forged brass, bronze, aluminum, and steel, ball bearing.

SINGLE ACTING OFFSET TYPE (HANDED)

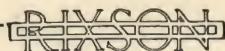


Intermediate Pivot No. 119 matches the B-B pivot and this combination should be used where center pivot is wanted. While UNI-CHECK can be used with or without thresholds and lends itself to use with wood or marble saddles we recommend extruded metal thresholds, which we can supply cut to suit. See illustration.

Where UNI-CHECK is used in terrazzo or marble floors we recommend the use of terrazzo floor frames around the check. This is an inexpensive brass angular trim that goes around the edge of the check and matches the metal strips now generally used for dividing terrazzo floors.

In addition to the top and intermediate pivots mentioned above, any of the pivots shown on page 10 can be used with UNI-CHECK.

Where doors not requiring floor checks are located in rooms with other doors mounted on UNI-CHECKS, it is desirable to hang these doors on pivots to match UNI-CHECK exposed parts. Pivots to match are shown on page 52.



A UNIQUE
DEVICE

UNI-CHECK

FOR INTERIOR
DOORS

SINGLE ACTING
OFFSET TYPE (HANDED)

UNI-CHECK so completely meets the needs of the architect and builder that in the short time since its introduction it has been used on all types of doors from small telephone and coupon booths to large hospital room doors. It has been used in private residences, commercial buildings, schools, hospitals and other institutional buildings, in both new and alteration work.

LIST OF OUTSTANDING REFERENCE INSTALLATIONS IN ANY CLASSIFICATION WILL BE SUPPLIED ON REQUEST.

The small space required in the floor makes the installation of UNI-CHECK easy even in alteration work. Where used with movable partitions it provides a firm base for the door to swing on, and when an opening is moved the ease with which the door can be demounted and re-assembled makes UNI-CHECK ideal for this type of work. The small hole left is as easily sealed as are the holes left by jamb and partition anchorings to the floor.

MODEL SPECIFICATION

All interior self-closing doors shall be mounted on UNI-CHECK of proper capacity recommended by The Oscar C. Rixson Co. and shall have forged-bronze ball bearing top pivot

optional—(and intermediate pivot to match)

optional—(and extruded bronze threshold fitted to check)

optional—(Check to have hold-open at 90 degrees)

optional—(and to have brass terrazzo floor frames where checks occur in terrazzo floor).

For other suggestions for specifying UNI-CHECK see page 6.

We recommend the use of plain brass, bronze or aluminum floor plates. The bottom arm cap and top pivot can be finished to match other hardware. Unless otherwise specified floor plates, arm cap and top pivot are supplied in polished bronze.

UNI-CHECK is packed in individual box, complete, with sheet metal covering and anchors for masonry floor installation; or with wood screws for wood floors. Weight 12¾ pounds, in carton.

INFORMATION REQUIRED WITH ORDER

The information requested below must be received before order can be filled.

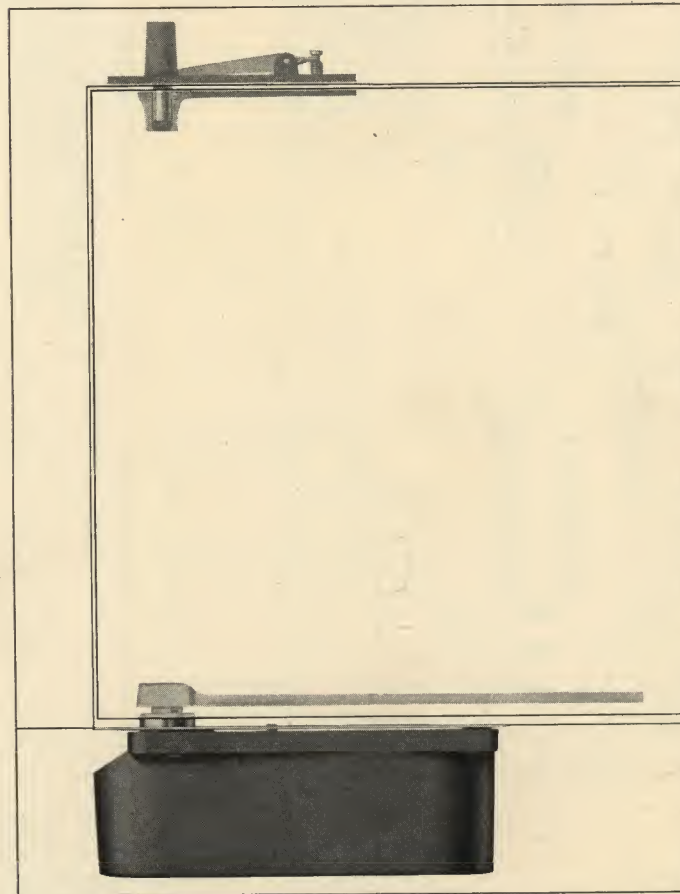
1. Hand of Door.
2. Spring Capacity; or width, thickness, and height of door.
3. Door Material; machine or wood screws.
4. Jamb Material; machine or wood screws.
5. Masonry or Wood Floor; Cement Floor Plugs or Wood Screws.
6. Type of Top Pivot.
7. Type of Intermediate Pivot if required.
8. Finish.

DIAGONAL



SINGLE-ACTING FLOOR CHECKS No. 18½, No. 21, No. 26
CENTER HUNG TYPE (HANDED)

FEDERAL SPECIFICATION FF-H-121a, TYPE 3520, SIZES I-II-III



To insure obtaining genuine "Rixson" specify by name and number without substitution.

Rixson No. 18½, No. 21 and No. 26 are identical in construction to Rixson Nos. 18, 20 and 25 (Offset Type) Single Acting Floor Checks except that their CENTER HUNG DESIGN eliminates all hardware from the face of the door. Center hanging permits the design of batteries of doors with no mullions between. See illustration on Page 19.

Nos. 21 and 26 Floor Checks are recommended for solid glass single-acting doors, and we are in a position to supply the necessary special arms. Full particulars will be given on request.

No. 21 and No. 26 have ROLLER UPPER SPINDLE BEARINGS IN CHECK AND BALL BEARING TOP PIVOTS. No. 18½ has plain bearings.

When ordering No. 18½ for Office Rail Gates prefix letter "G" so that special bronze rail gate top pivot, and bottom arm will be furnished. (See G10, Page 27.)

A cast iron cement case is always furnished with these checks.

No. 18½. For light interior doors not over 3 feet wide.

No. 21. For interior doors not over 3 feet, 6 inches wide. For outswinging entrance and vestibule doors not over 2 feet, 10 inches wide. For inswinging entrance doors not over 2 feet, 6 inches wide.

No. 26. For extra heavy interior doors not over 4 feet wide. For entrance and vestibule doors over 2 feet, 10 inches wide.

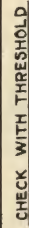
Packed with wood screws unless otherwise ordered.

Finish, Dull Bronze, unless otherwise specified.

No. 18½ packed one in carton, weight 19 lbs.; No. 21, 29 lbs. each; No. 26, 36 lbs. each; packed 2 in wood case.

SEE PAGES 6 AND 7 FOR SUGGESTED SPECIFICATION
SEE SECTION C FOR PARTS

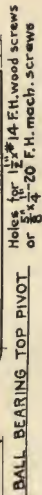
CENTER HUNG TYPE (HANDED)



For further details on thresholds see Drawing T-5-6-700.
When thresholds are furnished the EXACT DISTANCES between, FINISHED JAMBS (not door stops), JAMBS and SPINDLE, and SPINDLE and SPINDLE must be specified. We

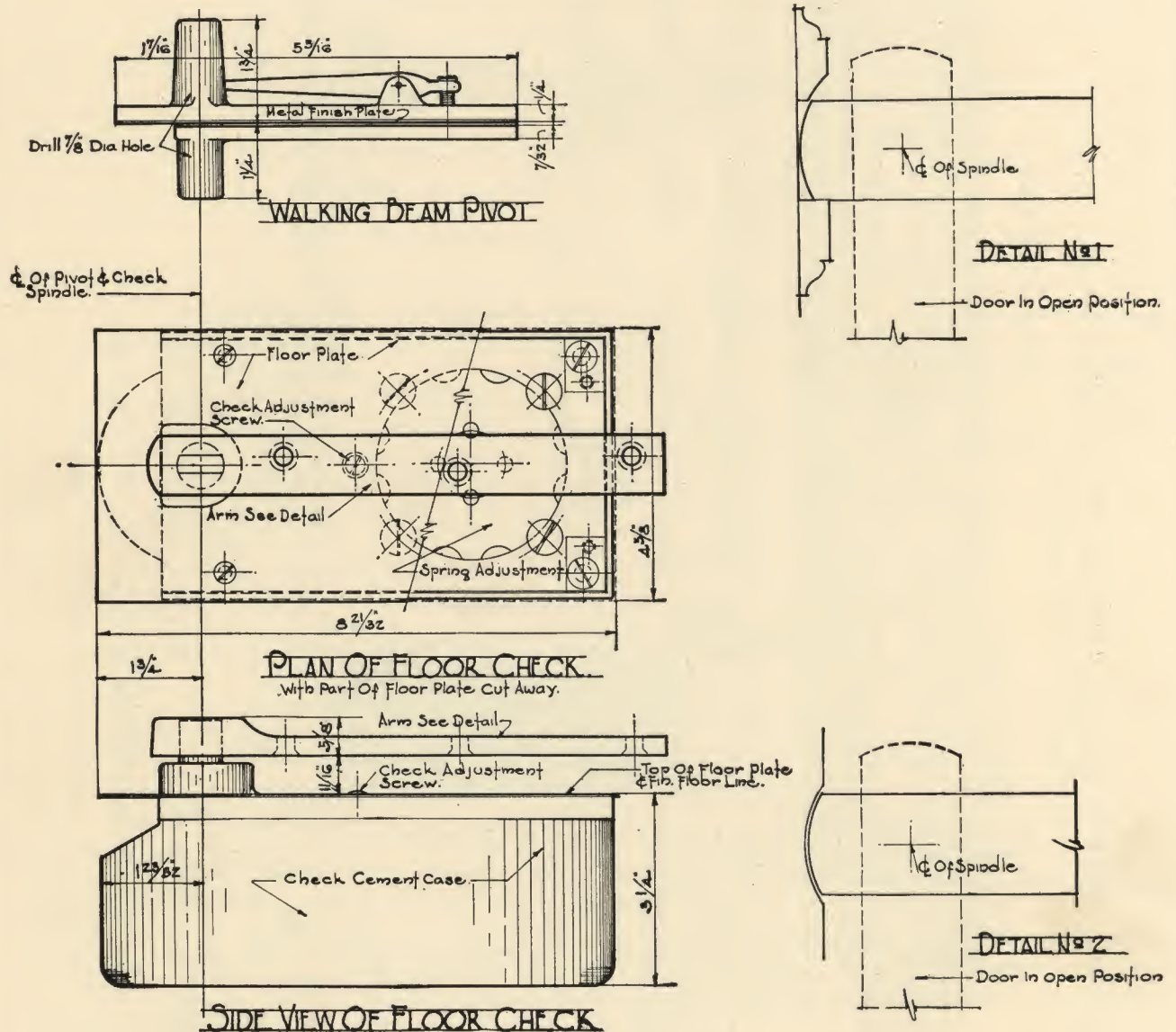
ordered does not fit the opening. In grouting in cement cases, the checks and thresholds should be at hand. The entire assembly should be blocked up in the door opening so that the check spindles are properly located and the sections of threshold line up perfectly.

CHECK WITH FLOOR PLATE



EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS, PAGES 60, 61, AND 62

SINGLE-ACTING FLOOR CHECK No. 18 $\frac{1}{2}$ CENTER HUNG TYPE (HANDED)



BLUE PRINT TEMPLATES FURNISHED ON REQUEST

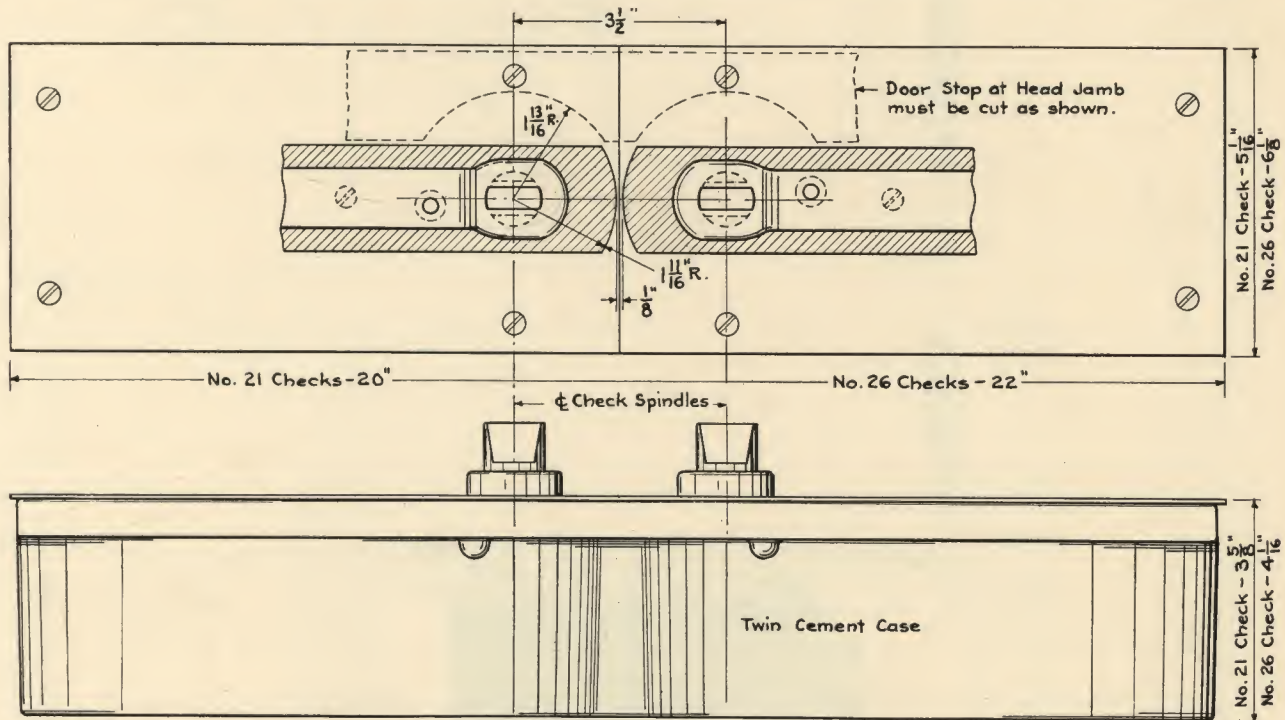
EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS, PAGES 60, 61, AND 62

RIXSON

TWIN CEMENT CASE

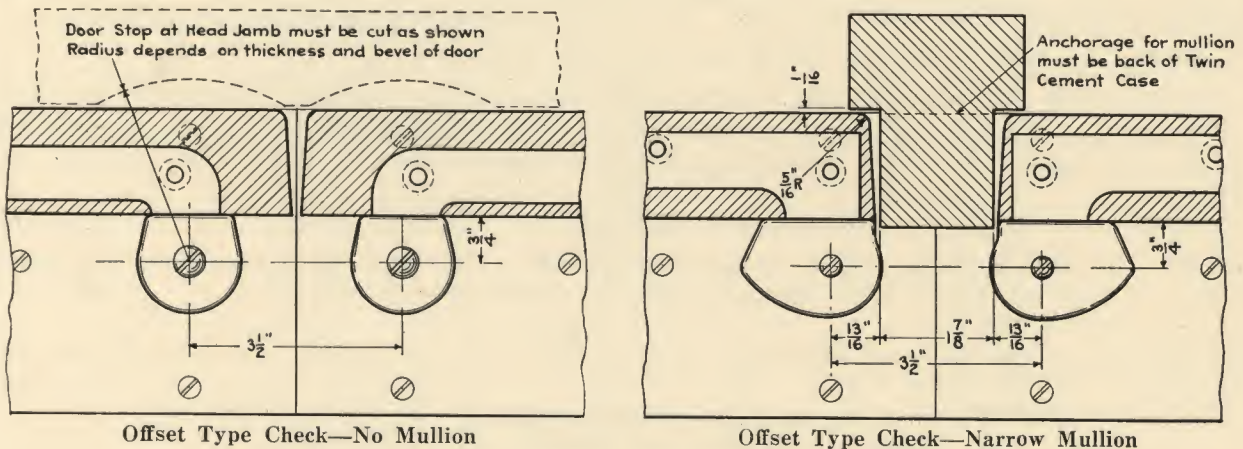
FOR SINGLE-ACTING FLOOR CHECKS Nos. 20, 21, 120, 25, 26 and 125
WITH SUGGESTIONS FOR USING

On Doors Hung Back to Back Without Mullions Rixson No. 21 and No. 26 Single Acting Center Hung Type Floor Checks with Twin Cement Cases give greater opening width between doors opened at right angles: a feature very important on Theatres, Office and Public Buildings. Installation is very simple. Rabbets and Stops can be designed the same as for regular No. 21 and No. 26 Floor Checks depending on layout of doors. Due consideration must be given to clearance required for Push and Pull Bars.



Nos. 21 and 26 Checks in Twin Cement Case

While the Twin Cement Case was originally designed for use with Nos. 21 and 26 Checks, it has been used to advantage with Nos. 20, 120, 25, and 125 Floor Checks where no mullions or very narrow mullions are desired.



Offset Type Check—No Mullion

Offset Type Check—Narrow Mullion

BLUEPRINT TEMPLATES FURNISHED ON REQUEST

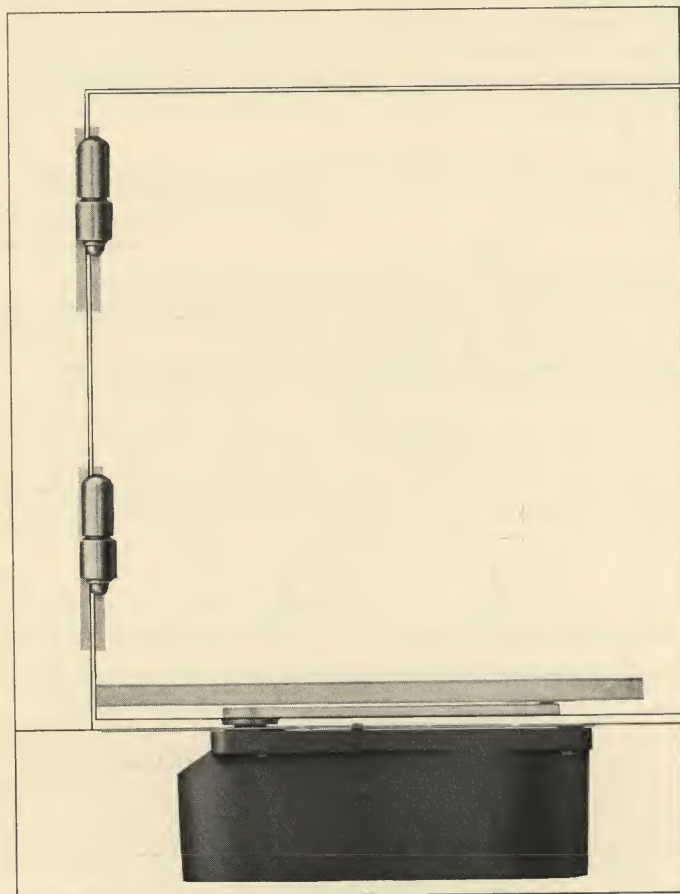
EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS, PAGES 60, 61 AND 62



SINGLE-ACTING FLOOR CHECKS No. 318½, No. 321, No. 326

SLIDING ARM TYPE FOR USE ON DOORS HUNG ON BUTTS
DEALER TO FURNISH BUTTS
(HANDED)

FEDERAL SPECIFICATION FF-H-121a, TYPE 3520, SIZES I-II-III



To insure obtaining genuine "Rixson" specify by Name and Number.

RIXSON No. 318½, No. 321 and No. 326 are designed to meet the demand of those who prefer the doors hung on regular butts. In construction the mechanism is the same as the RIXSON No. 20 type of Floor Check. A FORGED BRONZE STRAIGHT ARM insures maximum strength. No. 321 and No. 326 have ROLLER SPINDLE BEARINGS. No. 318½ has plain bearings and malleable iron arm.

Sliding arm block is made of special self lubricating bronze.

These checks are furnished with spindles longer than regular when used with Rixson Threshold.

Illustration shows the door hung on Rixson No. 2 Adjustable Ball Hinges. It is recommended that one of the designs of Adjustable Ball Hinges shown on Pages 53 and 54 be used for durability and appearance.

No. 318½. For light interior doors not over 3 feet wide.

No. 321. For interior doors not over 3 feet, 6 inches wide. For outswinging entrance and vestibule doors not over 2 feet, 10 inches wide. For inswinging entrance doors not over 2 feet, 6 inches wide.

No. 326. For extra heavy interior doors not over 4 feet wide. For entrance and vestibule doors over 2 feet, 10 inches wide.

Packed with wood screws unless otherwise ordered.

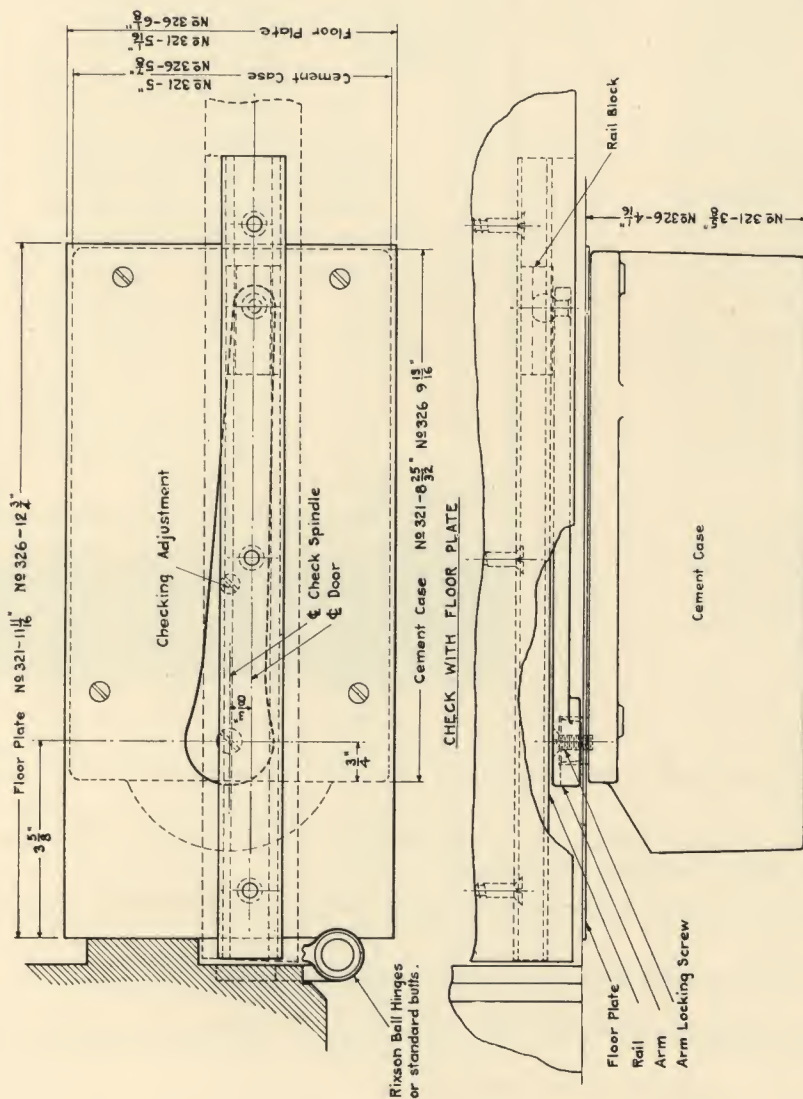
Finish, Dull Bronze, unless otherwise specified.

No. 318½ packed one in carton, weight 19 lbs.; No. 321, 29 lbs. each; No. 326, 36 lbs. each; packed 2 in wood case.

SEE PAGES 6 AND 7 FOR SUGGESTED SPECIFICATION

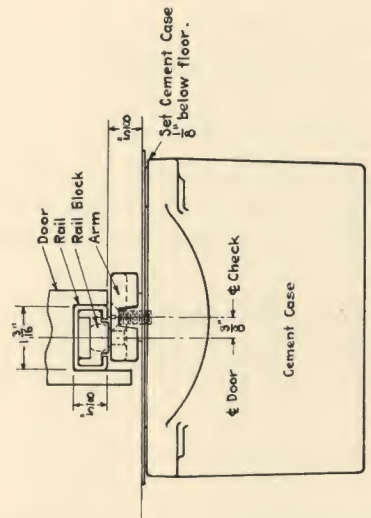
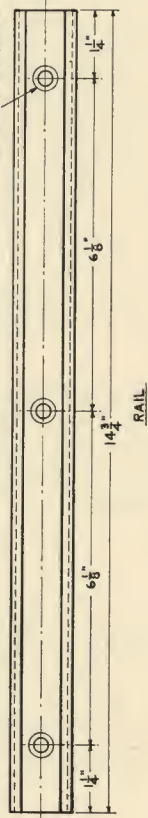
SINGLE-ACTING FLOOR CHECKS No. 321 AND No. 326

SLIDING ARM TYPE (HANDED)

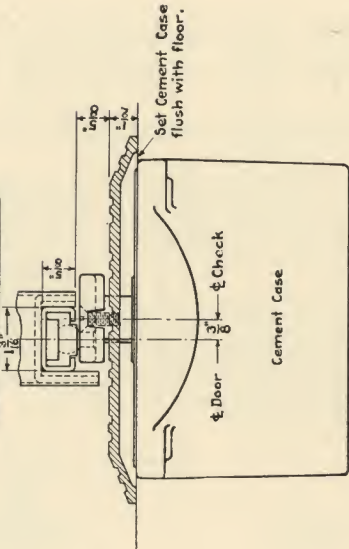


CHECK WITH FLOOR PLATE

3-5/8" x 1-1/2" x 20 F.H. Mach. Screws
or 2" x 1/4" F.H. Wood Screws



SECTION AT HINGE EDGE OF DOOR.
CHECK WITH FLOOR PLATE.



SECTION AT HINGE EDGE OF DOOR.
CHECK WITH RIXSON THRESHOLD.

IMPORTANT

Maximum door opening is 130°.
Check having long spindle must be furnished when threshold as above is used.
Rail must extend to hinge edge of door to permit insertion of rail block.

Copyright 1935

BLUEPRINT TEMPLATES FURNISHED ON REQUEST

EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS, PAGES 60, 61, AND 62



DOUBLE-ACTING FLOOR CHECKS No. 30 AND No. 40

FOR HEAVY INTERIOR AND FOR ENTRANCE AND VESTIBULE DOORS

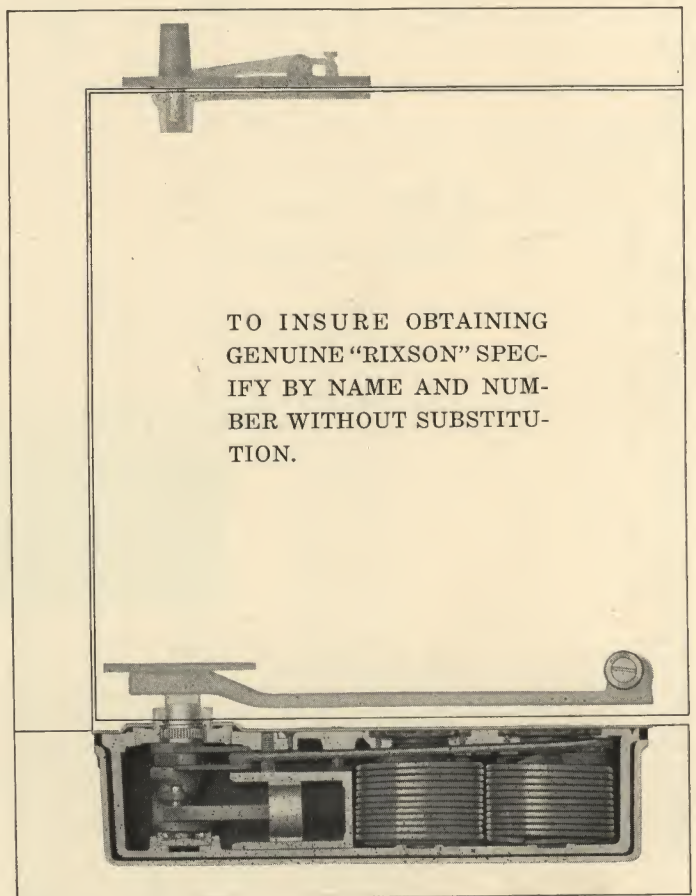
FEDERAL SPECIFICATION FF-H-121a, TYPE 3510, SIZES I AND II

THIS DEVICE HAS SUCH AN ENVIABLE REPUTATION DUE TO ITS RECORD OF proven service that it is not necessary to go into detail regarding its merits; we briefly state that it has been adopted as standard by most Architects and Builders. A list of reference installations will gladly be furnished.

CONSTRUCTION: The Spindle, Links and other Parts subjected to wear are made of Drop-forged or of Stamped steel and Case Hardened. The spindle runs on $\frac{9}{32}$ " steel balls in a HARDENED STEEL BALL RACE and has an UPPER ROLLER BEARING. The whole device is filled with our non-freezing checking liquid, which possesses high lubricating qualities.

REASON FOR THE TWO SPRINGS AND THE TWO CHECKS: On account of the inrush of air on windy days it takes a great deal of spring power to close the door after it has been opened inward, but it takes very little checking resistance to keep the door from flapping, the wind acting as a check, while the contrary is the case when the door is closing from the outside; the wind will then tend to close the door, so that very little spring power is required, but a great deal of checking resistance is needed to keep the door from flapping. For these reasons we use two springs and two checking mechanisms—one spring and check operating when the door swings on one side of the doorway, and the second spring and check operating when the door swings on the other side of the doorway. Each spring and check is adjustable independently. A Cast Iron Cement case is always furnished with this Floor Check.

For solid glass double-acting doors, Nos. 30 or 40 Floor Checks are recommended, and we are in a position to supply the necessary special arms. For further details, write us.



- No. 30. For heavy interior doors not over 3 feet, 6 inches wide. For entrance and vestibule doors not over 2 feet, 10 inches wide.
 - No. 40. For extra heavy interior doors. For entrance and vestibule doors over 2 feet, 10 inches wide. Dull Bronze furnished unless otherwise specified.
- Packed one in wood case. Weight, No. 30, 47 lbs. each. Weight, No. 40, 66 lbs. each.

SEE PAGES 6 AND 7 FOR SUGGESTED SPECIFICATION

EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS. PAGES 60, 61, AND 62

SEE SECTION C FOR PARTS

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BLUEPRINT TEMPLATES FURNISHED ON REQUEST

EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS, PAGES 60, 61, AND 62

Copyright 1930



NEW IMPROVED

DOUBLE-ACTING FLOOR CHECKS No. 10, No. 12, No. 15 AND No. 16

FOR USE ON LIGHT INTERIOR DOOR ONLY

FEDERAL SPECIFICATION FF-H-121a, TYPE 3500, SIZES II AND III

REDESIGNED to furnish a smoother and more positive control of interior doors. STRENGTHENED with a HEAVIER SPINDLE and furnished with a PATENTED CHECK RELEASE VALVE to prevent breakage to the door or check when closing action is forced. This new improved double acting floor check brings automatic door control another step nearer the ultimate. The simple valve adjustment characteristic of all Rixson Door Checking Devices is retained but an ingenious, patented design of the valve releases the EXCESS checking resistance when too great a pressure is exerted in closing the door.

A NEWLY DESIGNED ARM which is screwed tightly to the check spindle assures quiet release from hold open position in No. 10 and No. 15.

This device is specially designed for Pantry Doors, Gates in Office Railings, etc.

It permits the door to swing in both directions yet brings it quietly to rest at center without any of the nerve wrecking "Flip-Flap."

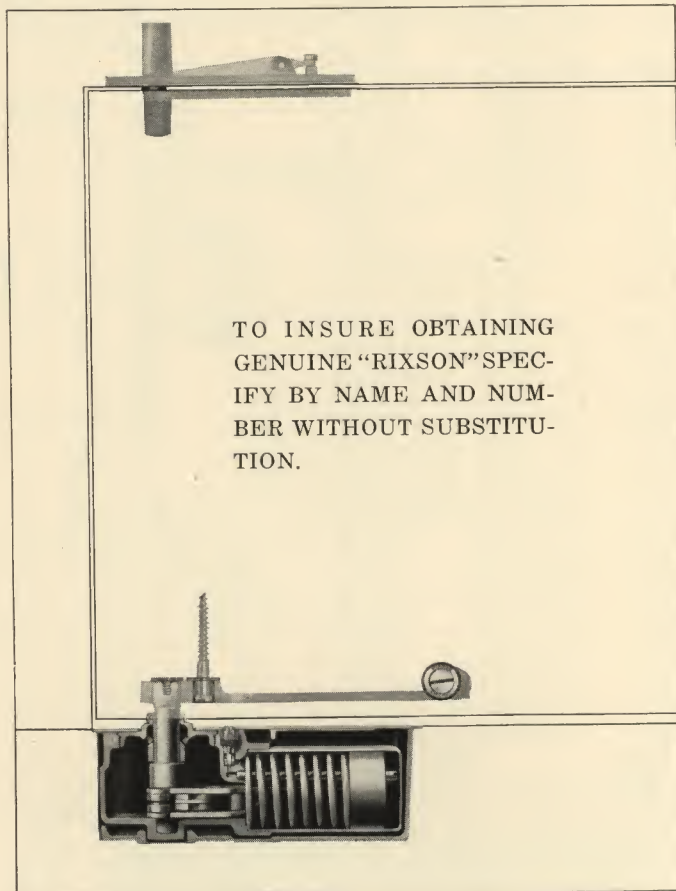
Nos. 10 and 15 when opened to 90 degrees hold the door automatically in that position so that no door holder is needed.

No. 12 and No. 16 correspond in all respects to No. 10 and No. 15, respectively, but DO NOT have automatic door holder.

WHEN USED FOR GATES top pivot and arm, as shown on page No. 27, can be furnished.

A cast iron floor box, which we call "Cement Case," must be used when the check is set in masonry floors.

CEMENT CASE FURNISHED ONLY WHEN ORDERED.



- | | | |
|-------------------------------|---|---|
| No. 10, with automatic holder | } | For light interior doors not over 2 feet, 10 inches wide. |
| No. 12, no " " | | |
| No. 15, with automatic holder | } | For light interior doors not over 3 feet, 10 inches wide. |
| No. 16, no " " | | |

Cement Case, fits all four sizes.
Packed one in carton, 12 in case.

Weight—Nos. 10 and 12 without Cement Case, 10 lbs. each.
Nos. 15 and 16 without Cement Case, 11 lbs. each.
Cement Case, 3½ lbs. each.

Dull Brass Furnished Unless Otherwise Specified.

SEE PAGES 6 AND 7 FOR SUGGESTED SPECIFICATION

SEE SECTION C FOR PARTS

EXTRUDED AND CAST ABRASIVE THRESHOLDS FOR USE WITH FLOOR CHECKS, PAGES 60, 61, AND 62

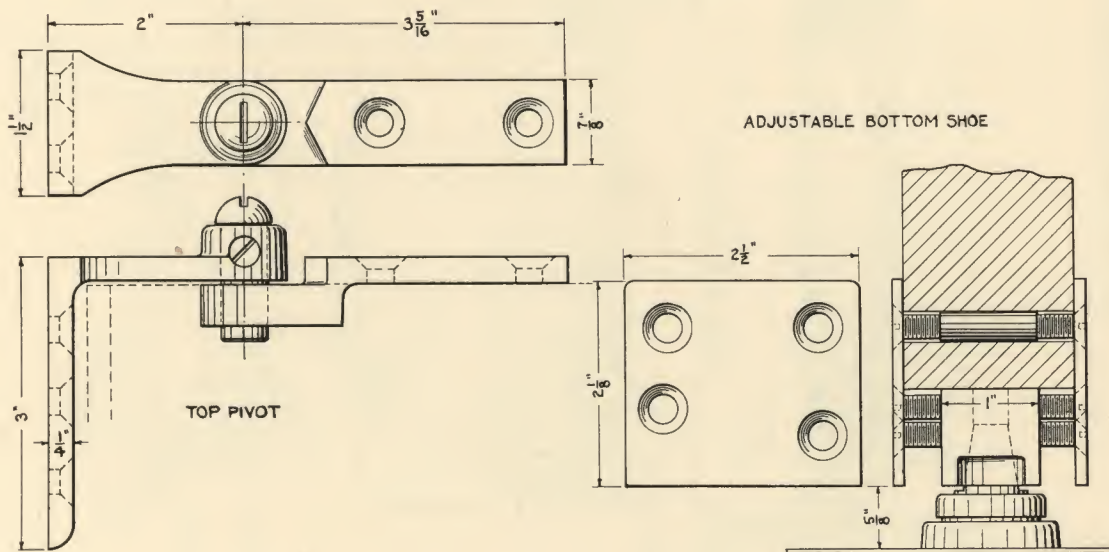
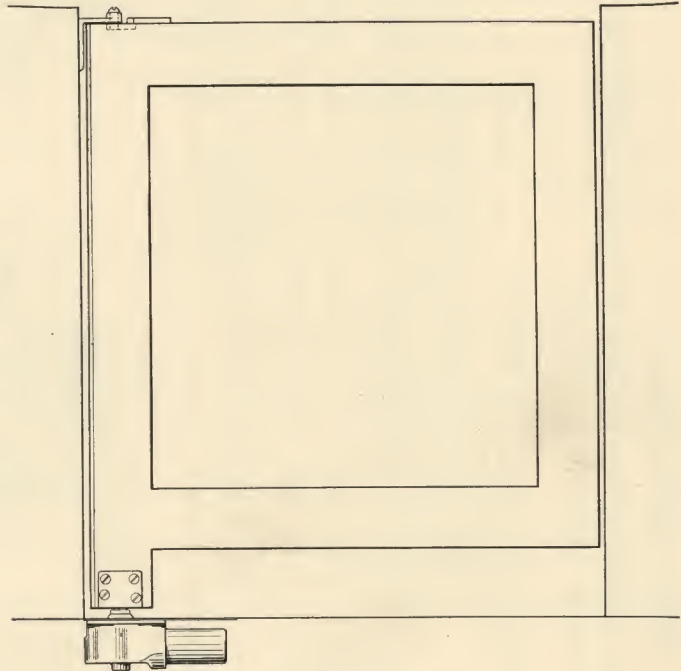


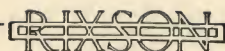
NEW IMPROVED
DOUBLE-ACTING FLOOR CHECKS No. 10, No. 12, No. 15 AND No. 16
FOR OFFICE RAIL GATES

No. G10 and No. G15, with Automatic Holder

No. G12 and No. G16, no Automatic Holder

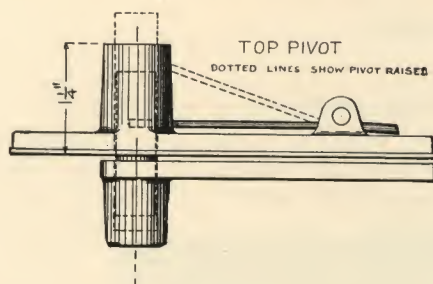
A Remarkably efficient method of control for Gates in Office Rails and Doors or Gates of similar construction. The special Top Pivot furnished with this treatment has a stop to prevent opening beyond 115° . The adjustable bottom shoe is adaptable to varying thicknesses of the gate leg and assures a secure attachment.





JUNIOR DOUBLE-ACTING FLOOR CHECK

FOR USE ON LIGHT INTERIOR DOORS ONLY UP TO 2' 8" WIDE

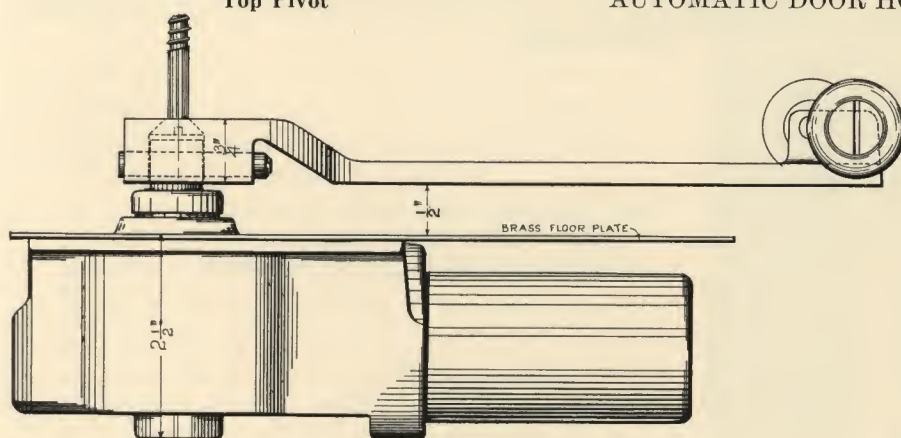


Top Pivot

RIXSON JUNIOR HAS BEEN DEVELOPED FOR OPERATING THE DOUBLE swing serving door to pantry or dining room in the moderate cost house. For light interior doors this device will give the same service as obtained with our larger floor checks extensively used by architects and builders in the best type of residence and apartment house work.

It permits the door to swing in both directions, closing it gently, and brings it to rest at center without any nerve wrecking "Flip-Flap."

AUTOMATIC DOOR HOLDER: When opened to right angles the door will be held here automatically until released by a slight push. This obviates the necessity of a separate door holder.



Elevation of Junior Check

There are some doors where it is desirable to have "Self-closing" at all times and RIXSON JUNIOR CAN BE SUPPLIED WITHOUT HOLD-OPEN FEATURE WHEN ORDERED.

All wearing parts are of case-hardened steel and are immersed in a lubricating liquid which also

serves to check the closing speed of the door. The checking action is regulated by a needle valve accessible through the floor plate.

An unusually durable compression spring provides the closing power.

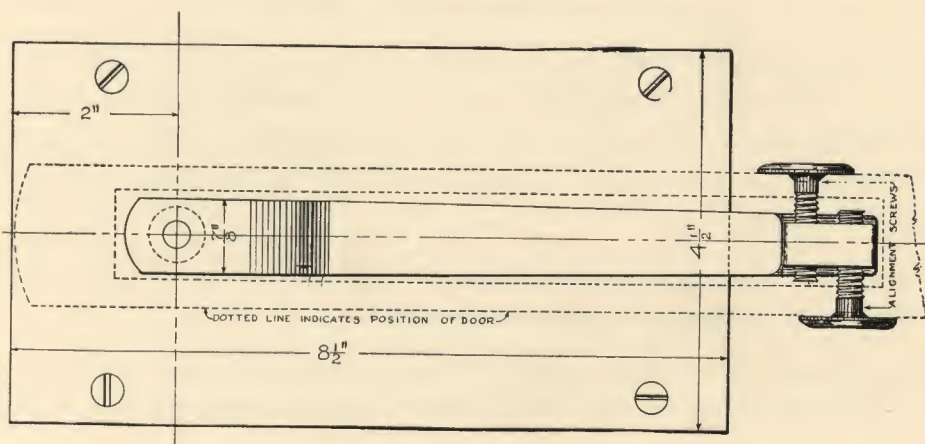
UNLESS OTHERWISE ORDERED "Hold open" type in dull brass finish will be furnished.

Cast Iron Cement Case furnished for use in masonry floors.

Packed one in carton, 12 in case.

Weight—Floor Check, 8½ lbs.

Cement Case, 3 lbs.



SEE SECTION C FOR PARTS

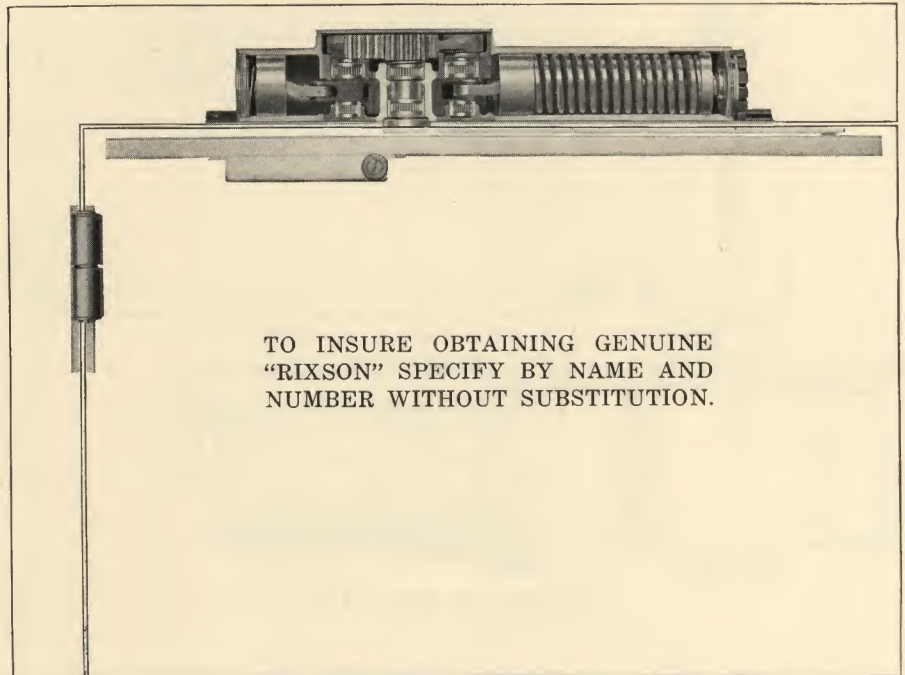


CONCEALED SINGLE-ACTING OVERHEAD DOOR CHECKS

No. 220 and No. 225 (Handed)

FOR ENTRANCE, VESTIBULE AND INTERIOR DOORS
HUNG ON BUTTS

RIXSON'S New Concealed Single Acting Overhead Check is placed in the Head Frame or Transom Bar and requires practically no special detailing. It is only $2\frac{7}{8}$ inches wide, $2\frac{7}{8}$ inches high and 17 inches long. With this Check the regular door stop extends over the cover plate and no parts of the plate, check or arm are visible when the door is closed.



TO INSURE OBTAINING GENUINE
"RIXSON" SPECIFY BY NAME AND
NUMBER WITHOUT SUBSTITUTION.

Cut open view showing Rugged Construction and Roller Bearings.
(Butt shown is Rixson No. 02 Adjustable Ball Hinge,
Modern Design)

ROLLER BEARINGS are used throughout these checks, there being six supporting the three case hardened and ground shafts. This is SOMETHING NEW in door closing devices. The gears are forged steel with teeth of special shape to give greater strength. They are also hardened. The whole mechanism is made with the same degree of accuracy as an automobile engine.

ARM AND SLIDING BLOCK. The arm is comprised of two parts to permit ease of installation. The main arm is a steel forging and is fastened to the check at the factory by means of a large spanner head screw and will not loosen in operation. The special oil impregnated sliding block requires no lubrication, and is connected to a short section of the split arm which in turn is attached to the main arm by means of two machine screws.

SPRING CONTROL: The spring power is easily adjustable and is accomplished by turning the adjuster disc with a screw driver. No effort is required.

CHECKING ACTION: Two valves control the closing speed of the door very accurately; one valve from 90 to 20 degrees of closing, and the other from 20 degrees to closed position of door.



CONCEALED SINGLE-ACTING OVERHEAD DOOR CHECKS

No. 220 and No. 225 (Handed)

NON-HOLD OPEN: The non-hold open check is equipped with an adjustable door stop and cushioning means which can be set at 95, 110, 125 or 140 degrees. With cushioning springs removed the door will open to a maximum of 160 degrees. When the 180 degree opening is required, a special arm and template information are supplied.

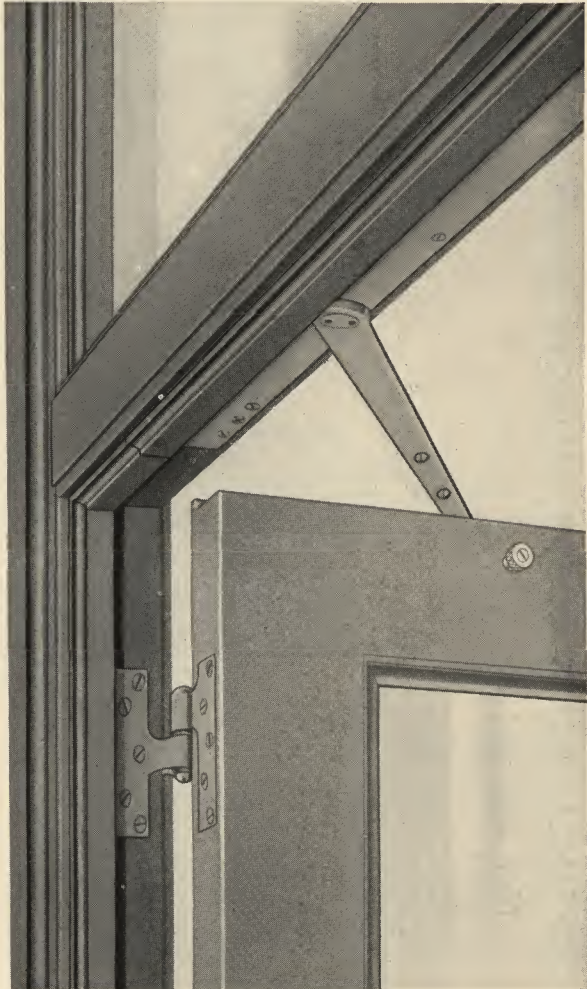
HOLD OPEN: The hold-open feature can be incorporated in the rail at 90 or 100 degrees and is operated by means of a small knurled knob on the face of the top rail of the door. It will release or take hold automatically if desired.

When 180 degrees door opening is necessary a special arm and template are furnished. This is furnished with the non-hold open check.

As the spindle of this check is $9\frac{3}{4}$ inches from the hinge center, the strain on the top hinge is considerably relieved, reducing wear and tear on this hinge when the hold-open is used.

No. 220 and No. 225 Checks can be furnished with center hung or offset pivots for batteries of doors without mullions. Information on request.

Special types of door holders, such as multi-point hospital door holders and automatic holders, can be provided. Write for information.



No. 220 For Interior Doors not over 3 feet, 6 inches wide.

For Outswinging Entrance and Vestibule Doors not over 2 feet, 10 inches wide.

For Inswinging Entrance Doors not over 2 feet, 6 inches wide.

No. 225 For Extra Heavy Interior Doors not over 4 feet wide and for Entrance and Vestibule Doors over 2 feet, 10 inches wide.

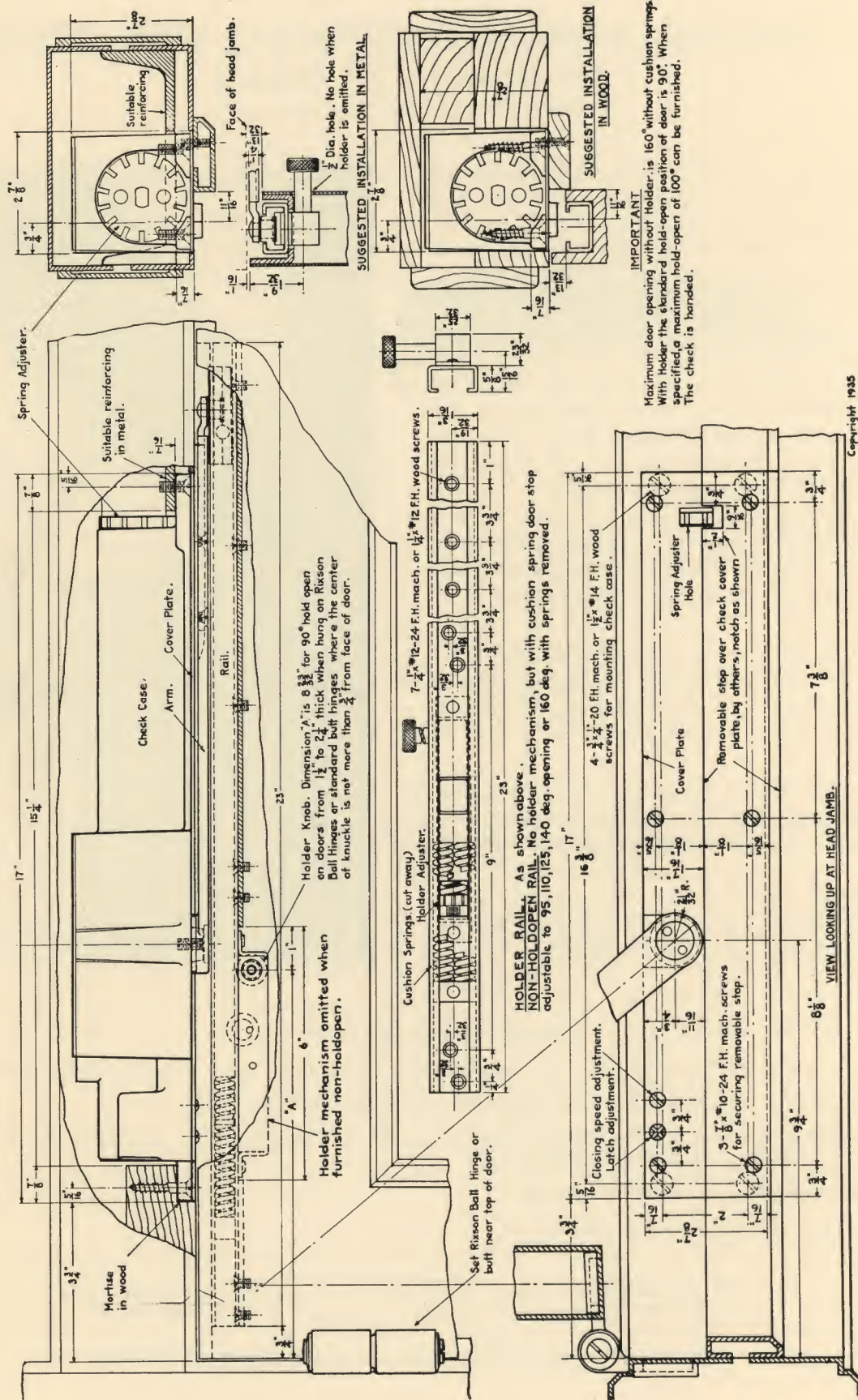
Packed in cartons and in wood cases.

Weight—No. 220, 22 lbs. No. 225, 23 lbs.

WE SUGGEST the use of RIXSON No. 2, No. 02, No. 3, or No. 03 Adjustable Ball Hinges for hanging doors operated by these Checks.

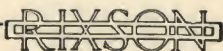
SEE PAGES 6 AND 7 FOR SUGGESTED SPECIFICATIONS.

No. 220 and No. 225 (Handed)



Copyright 1935

BLUE PRINT TEMPLATES FURNISHED ON REQUEST



SEMI-CONCEALED SINGLE-ACTING OVERHEAD DOOR CHECKS

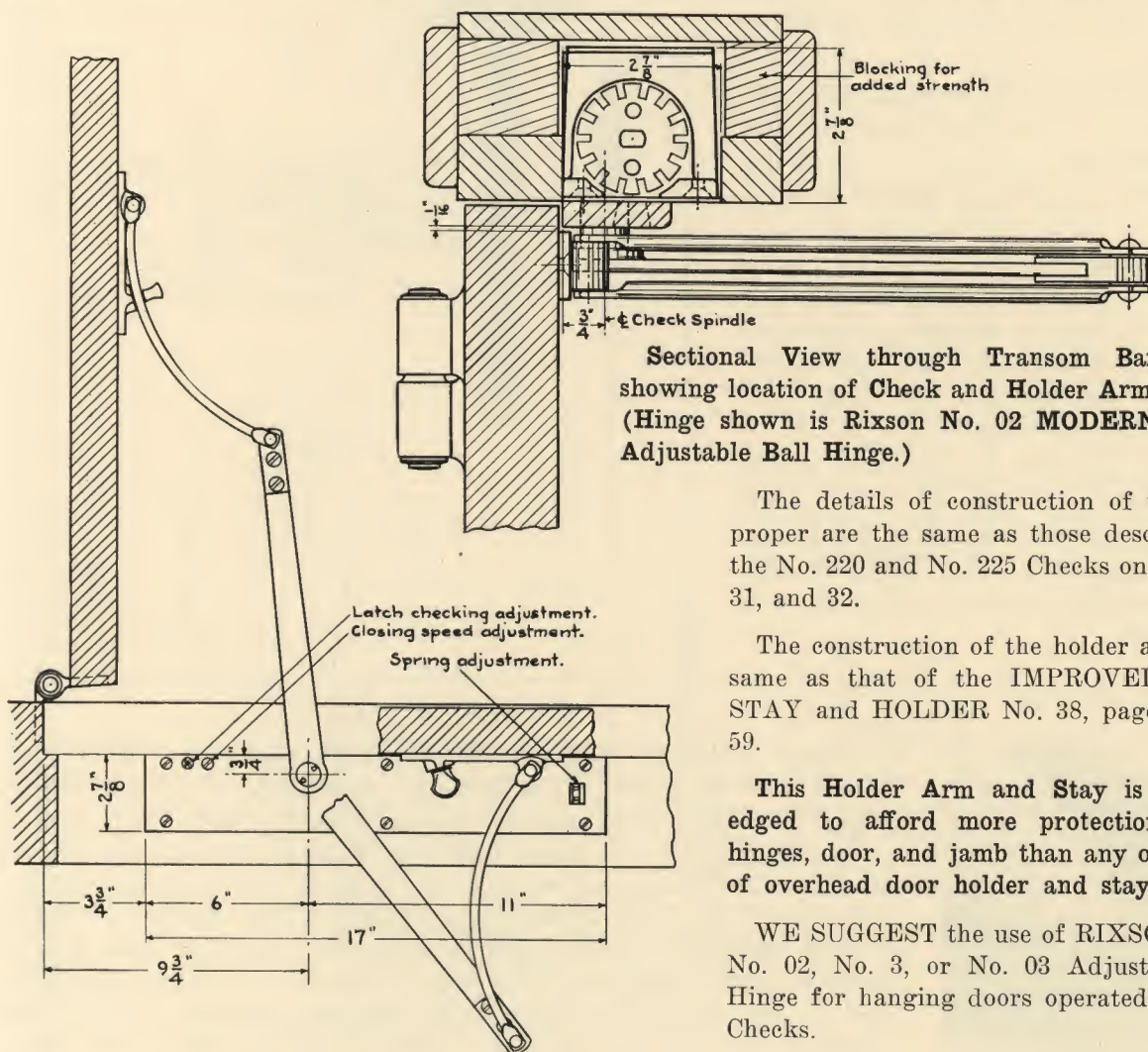
No. 420 and No. 425 (Handed)

FOR ENTRANCE, VESTIBULE AND INTERIOR DOORS HUNG ON BUTTS

This is a combination of the No. 220 and No. 225 Concealed Single-Acting Overhead Door Check, and the highly efficient RIXSON No. 38 DOOR-STAY AND HOLDER. It is ideal for use on entrance doors exposed to the weather as there are no rails or slides to be kept clean.

The Holder Arm and Stay may be set in the field to stop and hold the door at any point between 80 degrees and 105 degrees from closed position. Turning the holder knob to a horizontal position makes the holder mechanism inoperative.

The holder arm is heavy in construction, has self-lubricating bronze bearings for long life, and is silent in operation.



Sectional View through Transom Bar showing location of Check and Holder Arm. (Hinge shown is Rixson No. 02 MODERN Adjustable Ball Hinge.)

The details of construction of the check proper are the same as those described for the No. 220 and No. 225 Checks on pages 30, 31, and 32.

The construction of the holder arm is the same as that of the IMPROVED DOOR-STAY and HOLDER No. 38, pages 58 and 59.

This Holder Arm and Stay is acknowledged to afford more protection to the hinges, door, and jamb than any other type of overhead door holder and stay.

WE SUGGEST the use of RIXSON No. 2, No. 02, No. 3, or No. 03 Adjustable Ball Hinge for hanging doors operated by these Checks.

No. 420 For Interior Doors not over 3 feet, 6 inches wide.

For Outswinging Entrance and Vestibule Doors not over 2 feet, 10 inches wide.

For Inswinging Entrance Doors not over 2 feet, 6 inches wide.

No. 425 For Extra Heavy Interior Doors not over 4 feet wide and for Entrance and Vestibule Doors over 2 feet, 10 inches wide.

Packed in cartons and in wood cases.

Weight—No. 420, 21 lbs. No. 425, 22 lbs.

BLUEPRINT TEMPLATES FURNISHED ON REQUEST



CONCEALED SINGLE-ACTING OVERHEAD DOOR CHECK No. 100

(HANDED)

FOR INTERIOR DOORS ONLY

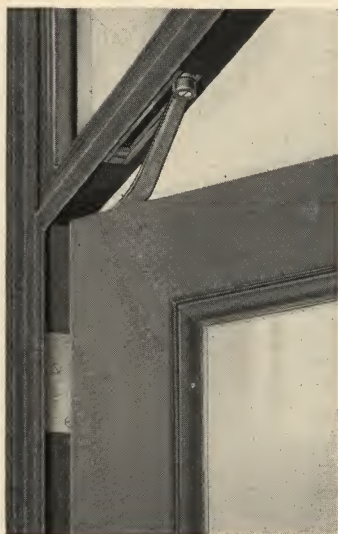
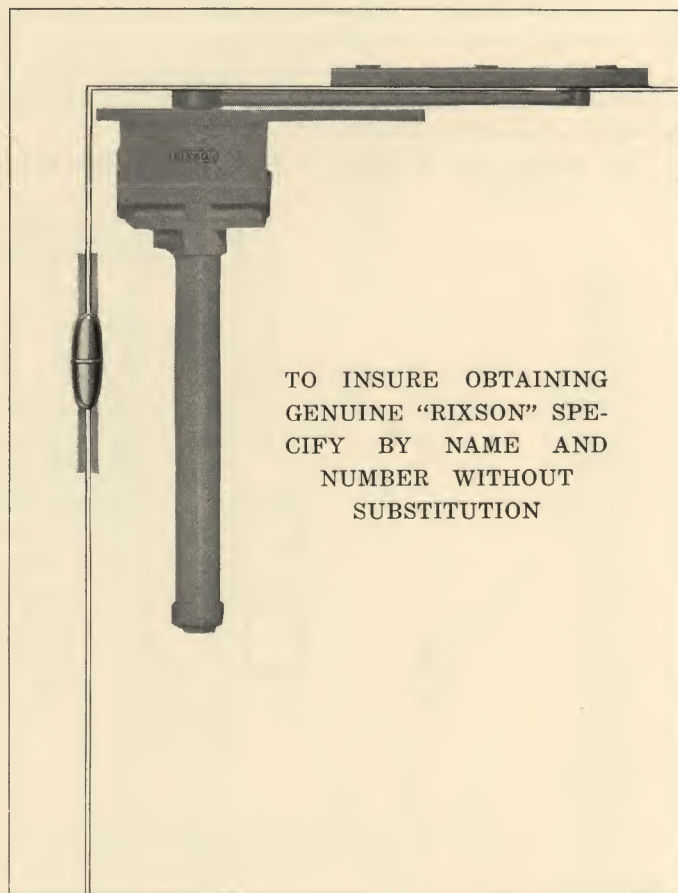
AN OVERHEAD CONCEALED DOOR CHECK designed particularly for hollow metal interior doors.

Can be applied in the average hollow metal door $1\frac{1}{2}$ " or greater in thickness or any hollow metal door having a pocket space of $1\frac{3}{8}$ " x $3\frac{1}{8}$ " within the head and hinge stiles.

NOTHING IS EXPOSED on either side of the door when the door is closed. Screws, valves, operating arm, etc., are all entirely out of sight when the door is in a closed position.

This check is handed, and will allow the door to be opened to 180 degrees, trim permitting. The arm is fastened permanently to the check spindle. A disconnecting feature at the roller end makes the installation of this device very simple.

The spring power is adjustable, and is accomplished with the use of a special wrench by removing the cap at the bottom of the spring tube. This check is sufficiently powerful to control interior doors of average size.



THIS DEVICE HAS A FULLY CONTROLLED CHECKING STROKE FROM NINETY DEGREES OF OPENING TO THE CLOSED POSITION. TWO REGULATING VALVES ARE PROVIDED; one to control the closing speed from ninety degrees to twenty degrees and the other to control the speed between twenty degrees and closed position. THE DOOR IS UNDER POSITIVE CONTROL EVEN WHEN OPENED A FEW DEGREES. This is very important in preventing noise due to drafts or winds moving the door slightly when the latch does not take hold, or when no latch is used. There is also incorporated a PATENTED SAFETY RELIEF VALVE THAT PREVENTS DAMAGE to the check or door due to any unusual strain in closing.

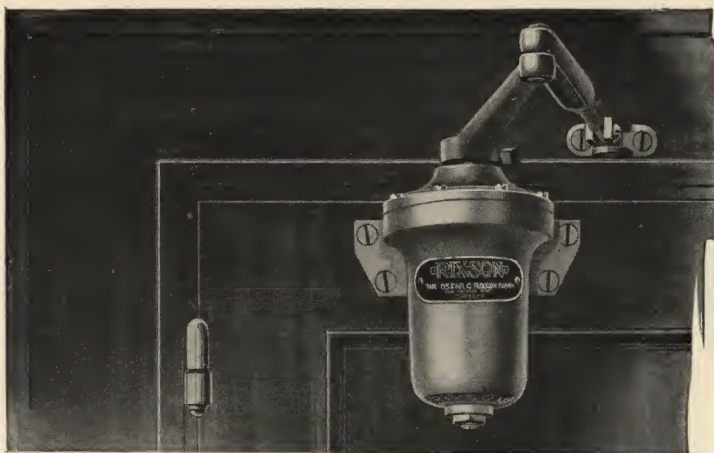
CHECK CASE is of MALLEABLE IRON; SPINDLE, GEAR TEETH and PLUNGER RACK, STEEL CASE-HARDENED.

When used on WOOD DOORS, side plates must be furnished if the door stile is less than $2\frac{1}{4}$ " x $4\frac{1}{2}$ ". Write for special details. Packed one in a carton, weight, 9 lbs.



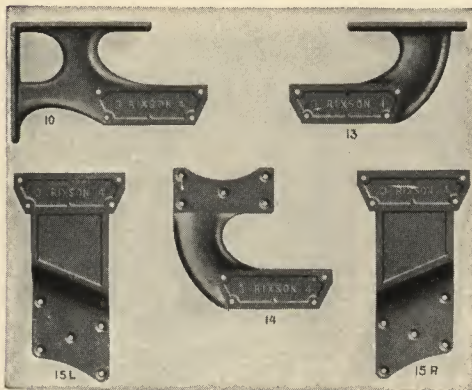
IMPROVED SINGLE-ACTING DOOR CHECK

SIZES 1 TO 6



- No. 1 For screen doors.....Weight, 4½ lbs. each
- No. 2 For light inside doors not over 3
ft. by 7 ft.....Weight, 6 lbs. each
- No. 3 For medium corridor doors. For
outside doors 2 ft. 6 in. by 7.....Weight, 8 lbs. each
- No. 4 For heavy corridor doors. For out-
side doors, 3 ft. by 8 ft.....Weight, 11 lbs. each
- No. 5 For outside doors not over 3 ft.
6 in. by 8 ft.....Weight, 13 lbs. each
- No. 6 For extra large doors.....Weight, 14 lbs. each

All above packed 1 in carton, 12 in case. Outside doors opening IN subjected to heavy draughts use ONE SIZE LARGER than specified above. Outside doors opening OUT use a check ONE SIZE SMALLER than specified above.



Malleable Iron Brackets

- Weight of bracket, any style, for No. 1 check.....1 lb. each
- Weight of bracket, any style, for No. 2 check.....2 lbs. each
- Weight of bracket, any style, for Nos. 3-4 checks..3 lbs. each
- Weight of bracket, any style, for Nos. 5-6 checks..3½ lbs. each

SEE SECTION C FOR PARTS AND CONSTRUCTION

In this CHECK we have succeeded in designing a check, neat in appearance and so easy to install and adjust that dealers may feel free to offer it to their customers knowing that absolute satisfaction will result.

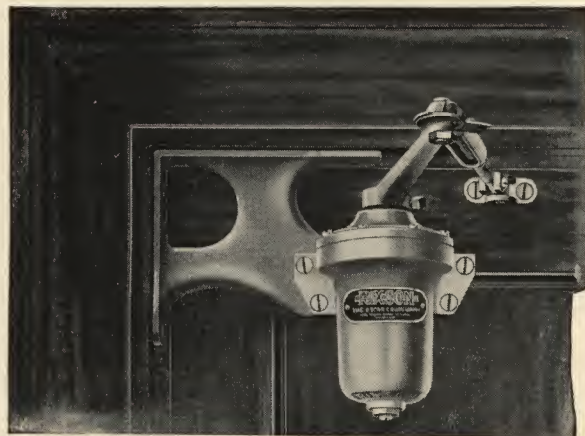
The check is equipped with a new style synthetic rubber spindle packing to insure against leakage.

WE GIVE A POSITIVE TWO YEAR GUARANTEE COVERING THIS DEVICE.

The best of Material and Workmanship is embodied in the manufacture of this article and if properly applied will give a maximum of service.

THIS DEVICE OPERATES RIGHT OR LEFT HAND DOORS WITHOUT ANY CHANGE IN THE MECHANISM. The Spring is set at the factory to the proper tension thereby eliminating the danger of spring breakage due to overwinding when applying. All working parts are immersed in the checking liquid which is a lubricant.

To increase spring power set check about 2 inches further away from hinge edge of door.



For outside doors swinging out it is best to put the check on a Bracket inside the door as shown above.



SINGLE-ACTING DOOR CHECK

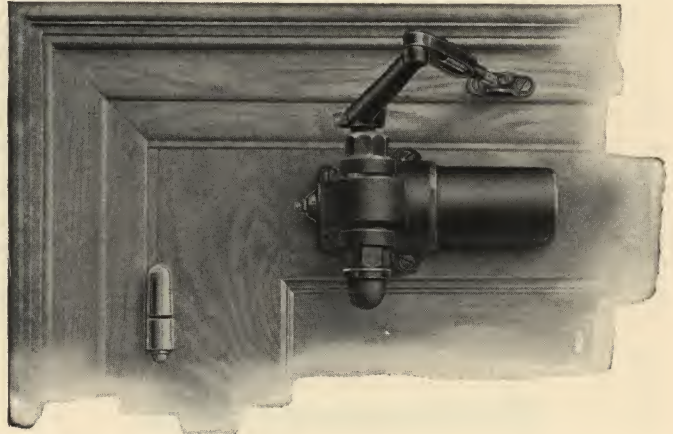
SIZES A TO E

THIS CHECK IS THE ORIGINAL SINGLE ACTING OVERHEAD CHECK OF THIS COMPANY AND IS STILL IN GREAT DEMAND.

The longevity of this device, which is now generally admitted, is principally due to the fact that the spring cannot be tampered with.

Nearly all troubles with Door Checks come from broken springs — broken because they have been wound up beyond the safe limit. One type of spring will last just as long as another provided they have been designed and are working according to the Factors of Safety that govern each particular type. It, therefore,

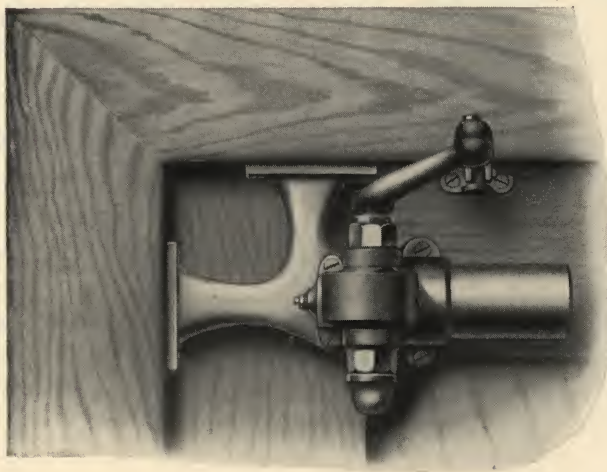
seems almost reckless to permit the mechanic who puts up the device to wind up the spring and expect him to know just where safety ends and where danger begins.



THIS CHECK IS APPLIED TO RIGHT OR LEFT HAND DOORS WITHOUT ANY CHANGE IN THE MECHANISM.

To increase Spring Power set the check about 2 inches further from the hinge edge of the door.

To reduce Spring Power set the arm at 45 degrees on spindle and lengthen screw rod accordingly.



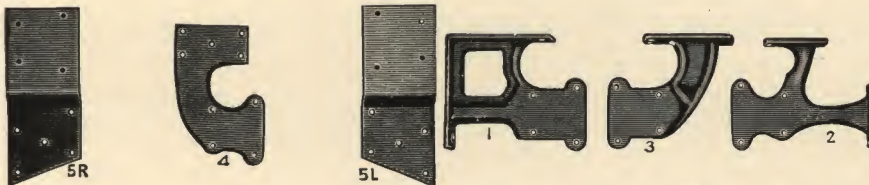
Size

- 2-A For light inside doors not over 3 ft. by 7 ft. Weight, 8 lbs. each.
- 3-B For medium corridor doors. For outside doors 2 ft. 6 in. by 7 ft. Weight, 8¼ lbs. each.
- 4-C For heavy corridor doors. For outside doors 3 ft. by 8 ft. Weight, 10 lbs. each.
- 5-D For outside doors not over 3 ft. 6 in. by 8 ft. Weight, 12 lbs. each.
- 6-E For extra large doors. Weight, 13 lbs. each.

Outside doors opening OUT use a Check ONE SIZE SMALLER than specified above. Outside doors opening IN subjected to heavy draughts use ONE SIZE LARGER than specified above.

Packed 1 in carton, 12 in case.

MALLEABLE IRON BRACKETS



Weight, A-B Bracket, any style, 3 lbs.

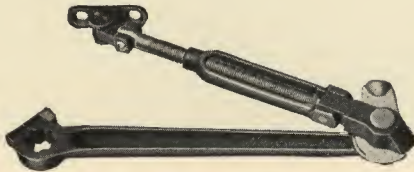
Weight, C Bracket, any style, 3¾ lbs.

Weight, D-E Bracket, any style, 4½ lbs.

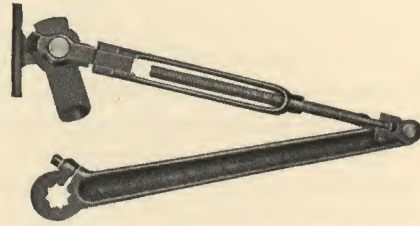
SEE SECTION C FOR PARTS AND CONSTRUCTION

THE RIXSON HOLDER ARM

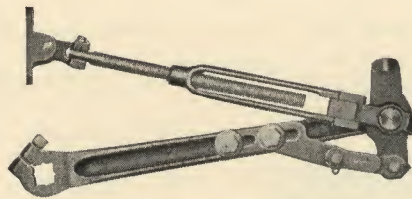
For Single-Acting Overhead Checks



The Rixson 90 Degree Holder Arm



The Rixson 180 Degree Holder Arm



The Rixson Fusible Link Holder Arm

This Holder Arm is designed on very simple principles, is neat in appearance, and is effective.

The 90° hold-open mechanism can be set to hold at any desired angle from 20° to 135°. The point we wish to draw particular attention to, is, that the door can be opened, with ease and safety, beyond the point at which it may be set to hold. The Hold Open feature becomes effective only when the door is stopped at the point set for this action. A slight push or pull on the door operates the holder, smoothly and quietly.

The Fusible Link Holder Arm may be set to hold the door at any point between 45° and 115°. When the check is mounted on a bracket the hold- open range is from 55° to 135°.

In that the mechanism can be set to hold open at 20°, it is a most practical device for use on coupon and telephone booth doors.

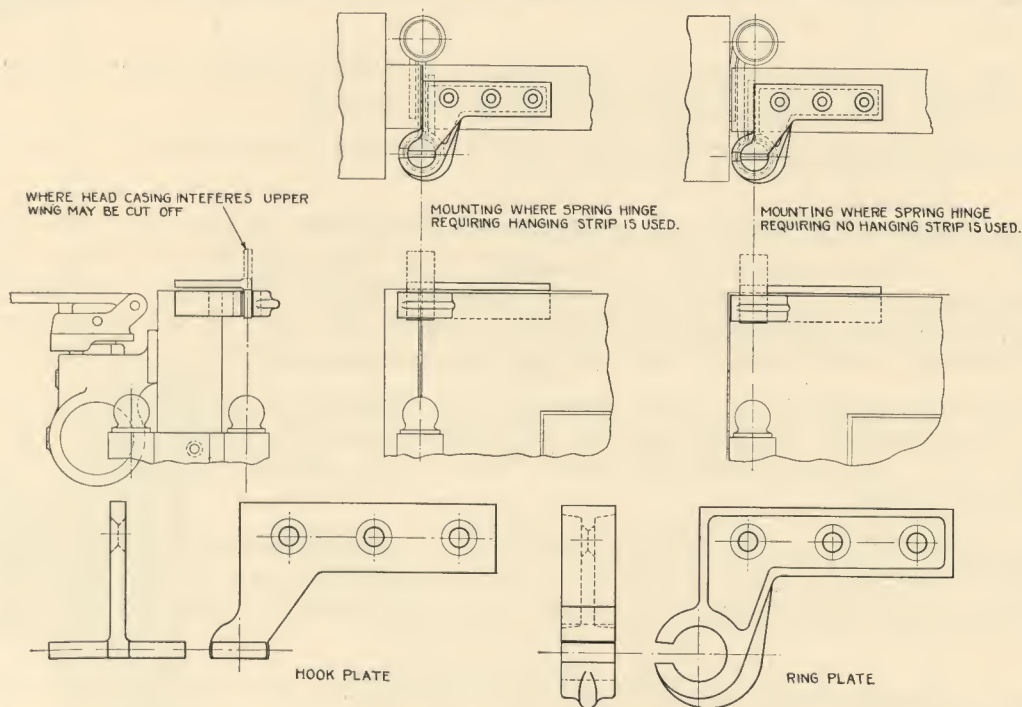
The hold-open feature embodied entirely in the arm, makes it convenient to change from regular to holder arm as occasion may require.

A detailed illustration of a mechanical device, possibly a pump or engine component, mounted on a wooden surface. The device features a cylindrical body with "ECLAIR" inscribed on it, a lever arm, and a vertical rod. A small vertical rod is also shown on the left side of the frame.

It brings the door to rest at center without any Flip-Flap.[®]

THIS CHECK MAY BE ATTACHED on the inside or on the outside of the door, Right or Left hand, without any change in the mechanism, and the door does not have to be altered in any way. All that has to be done is to screw the check to the top of the door and the anchor piece "D" to the head jamb.

An Interlocking Pivot is always furnished for attachment at top of door to prevent the door from pulling away from the Jamb at closing point. (See below.) For doors not over 3' 6".



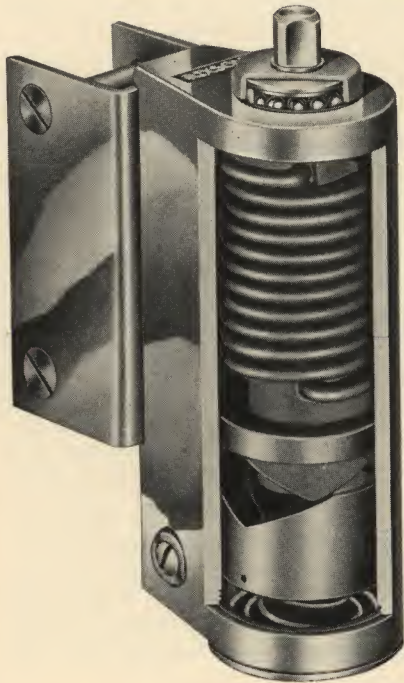
SEE SECTION C FOR PARTS



RIXSON SERIES 350 CHECKING PIVOT HINGES

For Lavatory Stall Doors, Dwarf Doors, Rail Gates,
Coupon Booth Doors, Etc.

SINGLE AND DOUBLE ACTING, NON-HANDED



Ten years ago THE OSCAR C. RIXSON CO. pioneered the use of the checking pivot hinge. At that time the G1, G2, L1, L2, R1, and R2 Checking Pivot Hinges were introduced. Feeling the need of a more popular priced device, we recently developed and perfected the SERIES 350.

The use of spring or gravity hinges or pivots on lavatory doors in glass and marble partitions frequently results in breakage of the partition due to doors slamming. The Series 350 Checking Pivot Hinges is gentle on both the partitions and the nerves.

The device can be used on right or left hand single acting doors or on double acting doors without any change in the mechanism. To our knowledge, there is no other checking pivot hinge on the market for use on double acting gates. The fact that the device is non-handed, single and double acting, and has easily interchangeable flanges makes it an ideal article to stock.

The case is made of non-corrosive white metal alloy. The Checking Pivot Hinge can be furnished in all plated or painted finishes.

The partition flanges are made of wrought brass. The flanges are screwed to the check and top pivot and are easily interchanged. A large variety of arms, check brackets, and pivots are supplied to meet various conditions.

The weight of the door is carried by a ball bearing. The internal parts subject to wear are made of steel or malleable iron. The closing spring is of the torsion type.

The Top Pivots all have steel studs and the bearing holes are all bushed with self-lubricating bronze bushings.

A unique feature in this device is an oscillating cam arrangement, which provides full checking control all the way to closed position of door when closing from either direction of swing. Without this feature, the check would not be suitable for both single and double acting doors. An automatic wear-take-up prevents the checking action from becoming irregular with use. A patented pressure release valve prevents strain on the partition when the door is forced shut against the checking action.

The various check brackets, top pivots, and arms can be furnished in ten different combinations. For the sake of convenience in ordering, these ten combinations or sets have been given separate numbers starting with Set No. 350 and ending with Set No. 359. On the following pages, each set is illustrated and described separately.

The standard device is suitable for gates 2' 2" to 3' 4" wide, maximum weight 100 lbs. Gates narrower, wider or heavier require special devices. In order to make proper recommendations, we require the following information: Width, height, thickness, weight, and material of door, and width and material of jamb.

For gates exceeding 50 lbs. in weight, and wherever possible, we recommend mortising the gate portion F of the pivot flush with the top of the gate.

To insure obtaining genuine "Rixson" specify by name and number without substitution.

SERIES 350 CHECKING PIVOT HINGES

SINGLE AND DOUBLE ACTING, NON-HANDED

SET NO. 350

Designed for Lavatory Stall Doors in partitions extending above the tops of the doors.

Arm block may be set on check spindle to open door and hold it at 90 deg., or to close door.

Flanges to fit partitions from $\frac{7}{8}$ in. to $3\frac{1}{8}$ in. can be furnished.

Doors may be center hung, or offset flush with one face of the partition. See page 47 for designating hand of offset.

Door may be notched for check, so that bottoms of door and check are in line.

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm
350	A	L	F	R

Packed 1 in carton. Weight 6 lbs.
Standard Finish, Polished Chromium.
See page 46 for Information Required with Order.
See page 47 for Template Information.

SET NO. 351

Designed for Lavatory Stall Doors in partitions whose top edges are flush with the tops of the doors.

Arm block may be set on check spindle to open door and hold it at 90 deg., or to close door.

Flanges to fit partitions from $\frac{7}{8}$ in. to $3\frac{1}{8}$ in. can be furnished.

Doors may be center hung, or offset flush with the face of the partition. See page 47 for designating hand of offset.

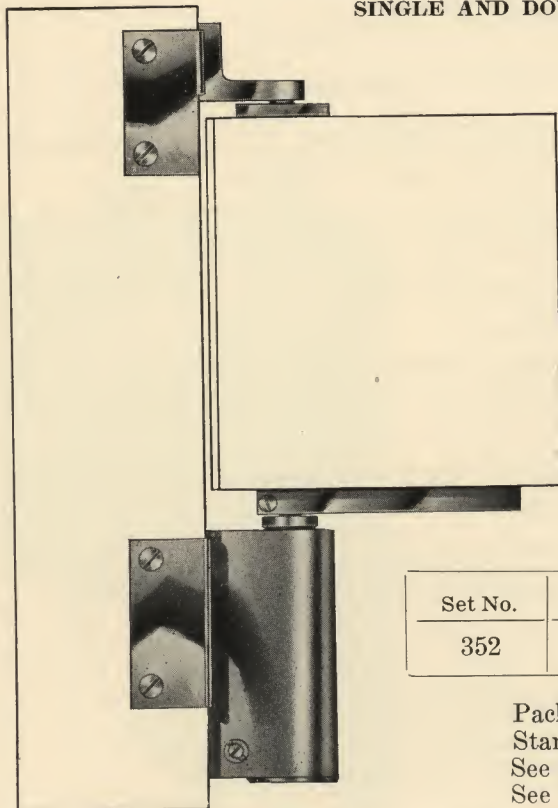
Door may be notched for check, so that bottoms of door and check are in line.

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm
351	A	M	F	R

Packed 1 in carton. Weight 6 lbs.
Standard Finish, Polished Chromium.
See page 46 for Information Required with Order.
See page 47 for Template Information.

SERIES 350 CHECKING PIVOT HINGES

SINGLE AND DOUBLE ACTING, NON-HANDED



SET NO. 352

For Lavatory Stall Doors in partitions extending above the tops of the doors.

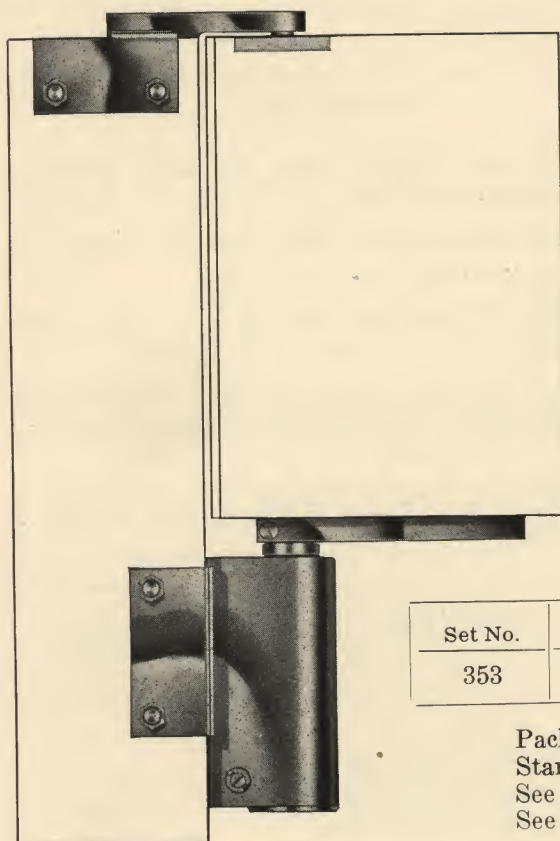
Arm may be set on check spindle to open door and hold it at any point from closed position to 90 deg., or to close door

Flanges to fit partitions from $\frac{7}{8}$ in. to $3\frac{1}{8}$ in. can be furnished.

Doors may be center hung or offset flush with one face of the partition. See page 47 for designating hand of offset.

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm
352	A	L	F	S

Packed 1 in carton. Weight 6 lbs.
Standard Finish, Polished Chromium.
See page 46 for Information Required with Order.
See page 47 for Template Information.



SET NO. 353

For Lavatory Stall Doors in partitions whose top edges are flush with tops of doors.

Arm may be set on check spindle to open door and hold it at any point from closed position to 90 deg., or to close door

Flanges to fit partitions from $\frac{7}{8}$ in. to $3\frac{1}{8}$ in. can be furnished.

Doors may be center hung or offset flush with one face of the partition. See page 47 for designating hand of offset.

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm
353	A	M	F	S

Packed 1 in carton. Weight 6 lbs.
Standard Finish, Polished Chromium.
See page 46 for Information Required with Order.
See page 47 for Template Information.



SERIES 350 CHECKING PIVOT HINGES

SINGLE AND DOUBLE ACTING, NON-HANDED

SET NO. 354

For Office Rail Gates and Dwarf Doors where the jamb is sufficiently wide for the check bracket and top pivot to be mounted on its face. Minimum width of jamb or post is 1½ in.

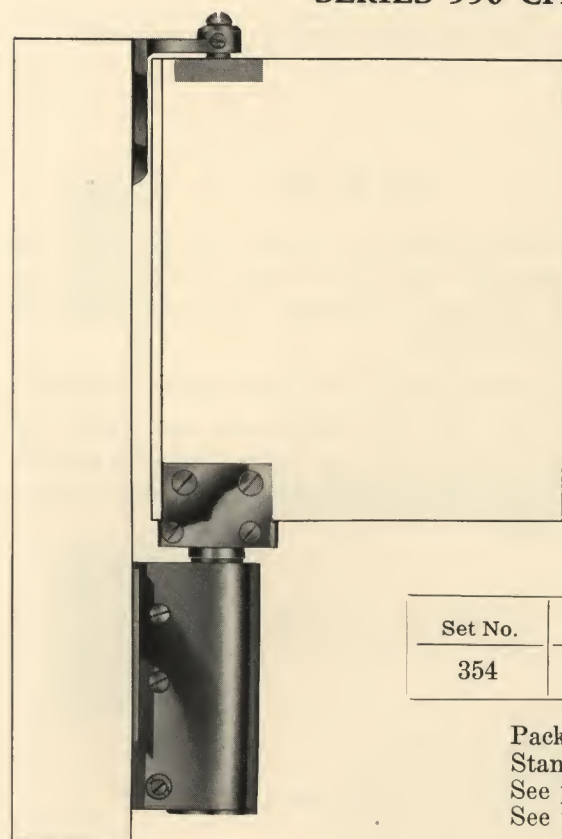
Top Pivot Jamb Portion "N" is for surface mounting.

Flanged Arm "R" is suitable for use where the bottom member of the door or gate does not extend all the way across the opening.

Door may be notched for check, so that bottoms of door and check are in line.

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm
354	B	N	G	R

Packed 1 in carton. Weight 6 lbs.
Standard Finish, Primed for Paint.
See page 46 for Information Required with Order.
See page 48 for Template Information.



SET NO. 355

For Office Rail Gates and Dwarf Doors where the jamb is sufficiently wide for the check bracket and top pivot to be mounted on its face. Width of brackets is 1½ in.

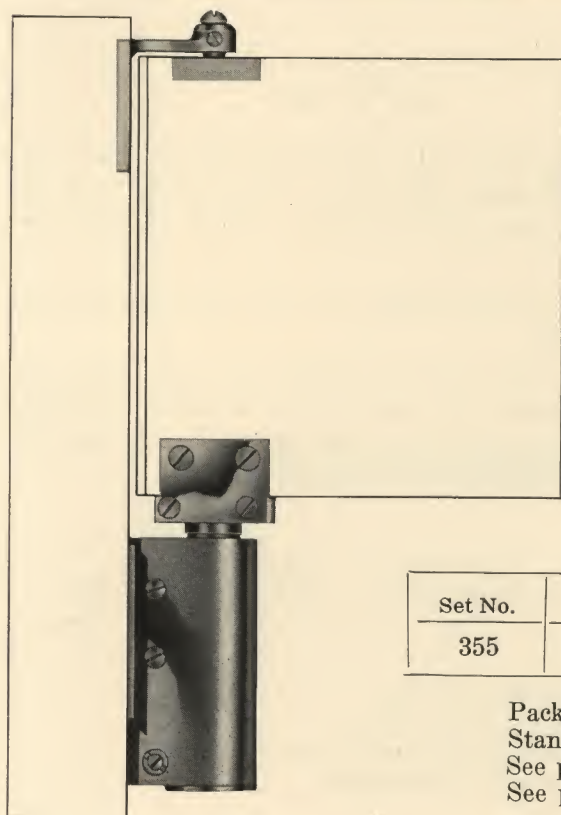
Top Pivot Jamb Portion "O" is for mortising into the jamb or post.

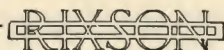
Flanged Arm "R" is suitable for use where the bottom member of the door or gate does not extend all the way across the opening.

Door may be notched for check, so that bottoms of door and check are in line.

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm
355	B	O	G	R

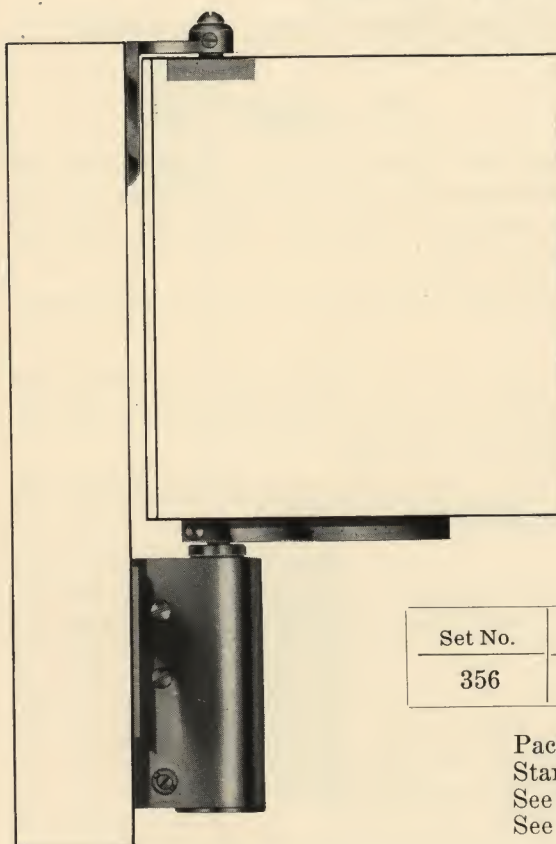
Packed 1 in carton. Weight 6 lbs.
Standard Finish, Primed for Paint.
See page 46 for Information Required with Order.
See page 48 for Template Information.





SERIES 350 CHECKING PIVOT HINGES

SINGLE AND DOUBLE ACTING, NON-HANDED



SET NO. 356

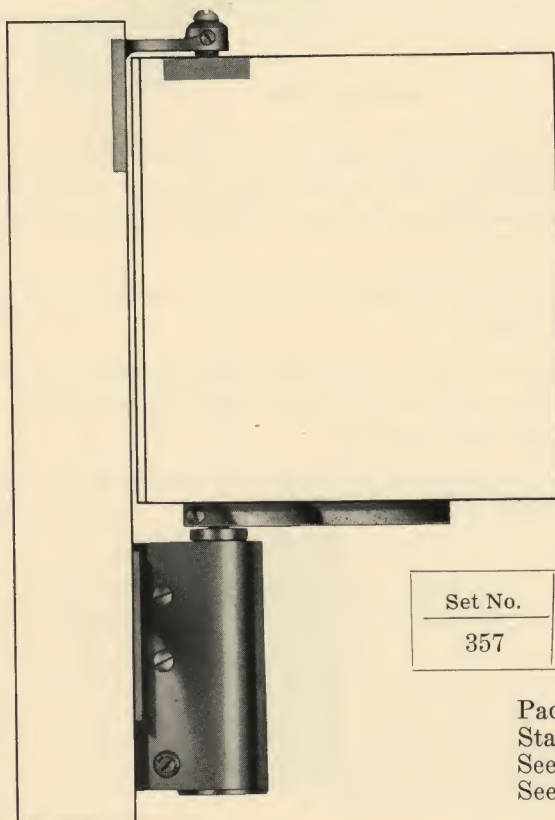
For Office Rail Gates and Dwarf Doors where the jamb is sufficiently wide for the check bracket and top pivot to be mounted on its face. Minimum width of jamb or post is 1½ in.

Top Pivot Jamb Portion "N" is for surface mounting.

Straight Arm "S" is suitable for use where the bottom member of the door or gate has sufficient surface for mounting an arm of this length. Arm may be mortised if desired.

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm
356	B	N	G	S

Packed 1 in carton. Weight 6 lbs.
Standard Finish, Primed for Paint.
See page 46 for Information Required with Order.
See page 48 for Template Information.



SET NO. 357

For Office Rail Gates and Dwarf Doors where the jamb is sufficiently wide for the check bracket and top pivot to be mounted on its face. Width of bracket is 1½ in.

Top Pivot Jamb Portion "O" is for mortising into the jamb or post.

Straight Arm "S" is suitable for use where the bottom member of the door or gate has sufficient surface for mounting an arm of this length. Arm may be mortised if desired.

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm
357	B	O	G	S

Packed 1 in carton. Weight 6 lbs.
Standard Finish, Primed for Paint.
See page 46 for Information Required with Order.
See page 48 for Template Information.



SERIES 350 CHECKING PIVOT HINGES

SINGLE AND DOUBLE ACTING, NON-HANDED

SET NO. 358

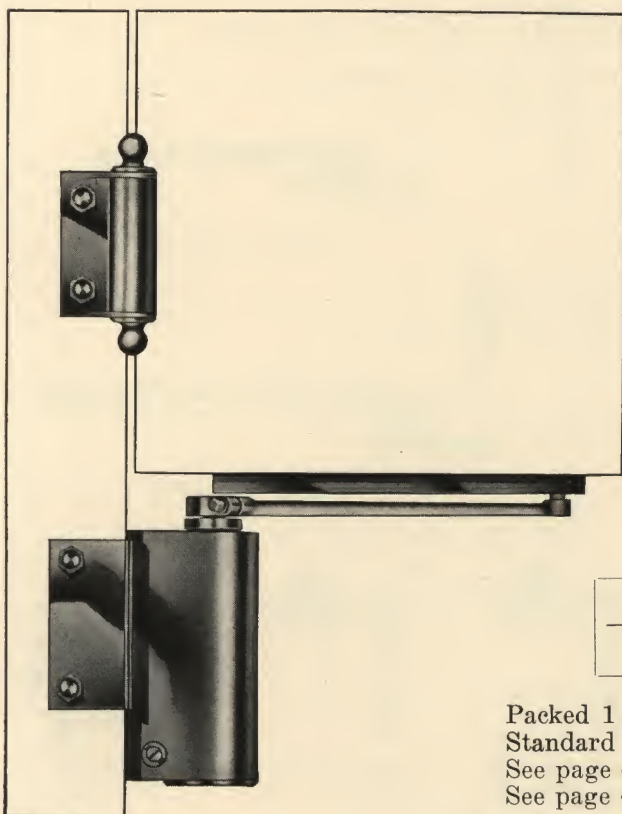
This set is designed primarily for use on existing lavatory stall doors mounted on Spring Hinges. After releasing the spring power on the hinges, the check will close the door smoothly without slamming. Maximum opening is about 140 deg.

The rail, furnished with arm "T", may be mounted on the bottom surface of the door or mortised flush.

No hinges or top pivots are furnished with this set.

Set No.	Check Bracket	Arm
358	A	T

Packed 1 in carton. Weight 5½ lbs.
Standard Finish, Polished Chromium.
See page 46 for Information Required with Order.
See page 49 for Template Information.



SET NO. 359

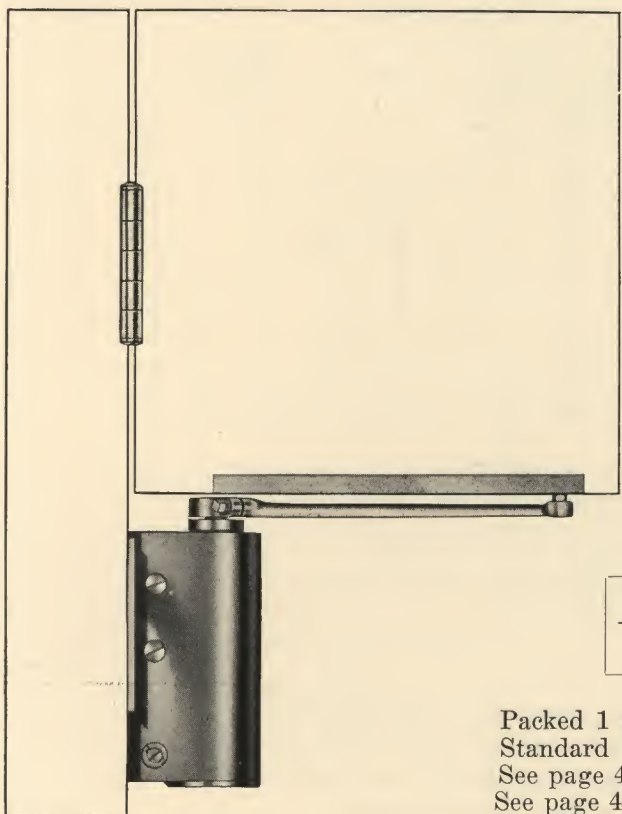
For use on Rail Gates or Dwarf Doors where it is desired to hang the gates or doors on standard butt hinges. Maximum opening is about 140 deg., depending on dimensions of door and jamb.

Where it is desired to keep the check out of the opening, it may be mounted on the front face of the jamb as shown on page 49.

No hinges or top pivots are furnished with this set.

Set No.	Check Bracket	Arm
359	B	T

Packed 1 in carton. Weight 5½ lbs.
Standard Finish, Primed for Paint.
See page 46 for Information Required with Order.
See page 49 for Template Information.

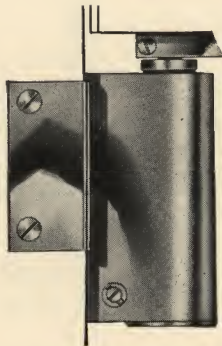




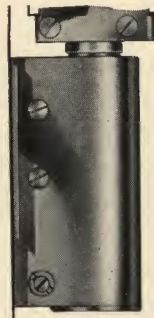
SERIES 350 CHECKING PIVOT HINGES

Set Nos. 350, 351, 352, 353, 354, 355, 356, 357, 358, 359

FOR DETAILS OF PARTS SEE PAGES 47, 48, AND 49



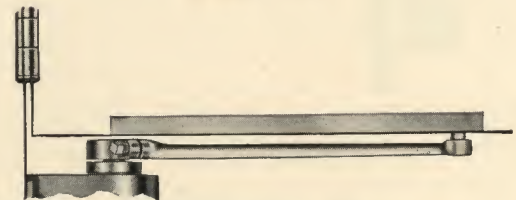
Flanged Check
Bracket "A"



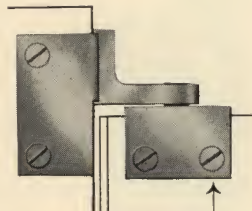
Flat Check
Bracket "B"



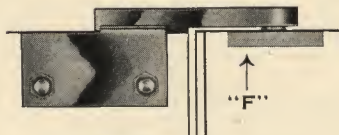
Straight Arm "S"



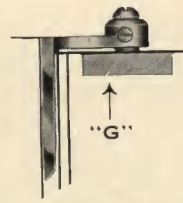
Sliding Arm "T"



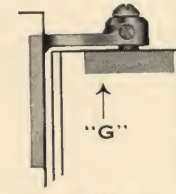
Flanged Angle
Top Pivot "L"



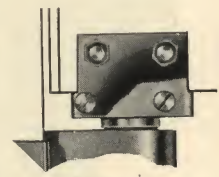
Flanged Flush
Top Pivot "M"



Angle Surface
Top Pivot "N"



Angle Mortise
Top Pivot "O"



Flanged
Arm "R"

SERIES 350 CHECKING PIVOT HINGES ARE
FURNISHED IN THE FOLLOWING SETS

Set No.	Check Bracket	Top Pivot Jamb Portion	Top Pivot Door Portion	Arm	Weight in Carton
350	A	L	F	R	6 lbs.
351	A	M	F	R	6
352	A	L	F	S	6
353	A	M	F	S	6
354	B	N	G	R	6
355	B	O	G	R	6
356	B	N	G	S	6
357	B	O	G	S	6
358	A	none	none	T	5½
359	B	none	none	T	5½

Packed 1 in Carton, 12 in Case

Furnished in polished chromium, and other plated finishes, also primed for paint.

INFORMATION REQUIRED WITH ORDER

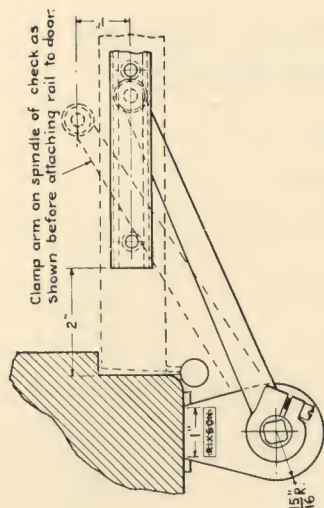
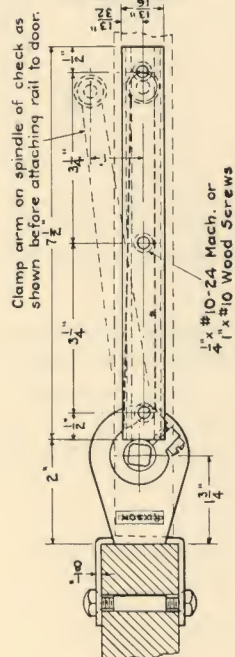
The information requested below must be received before order can be filled.

1. Set Number.
2. Partition or Jamb Thickness, and Material.
3. Door Thickness, Width, Height, and Material.
4. Center Hung or Offset and Hand of Offset. See diagram for Handing Offset, page 47.)
5. Finish. Polished Chromium standard on Set Nos. 350, 351, 352, 353, and 358.
6. Type of Flange Screws. (See page 47. Flat Head furnished if not specified.)
7. Machine or Wood Screws. (Where Flanged Brackets are not specified.)

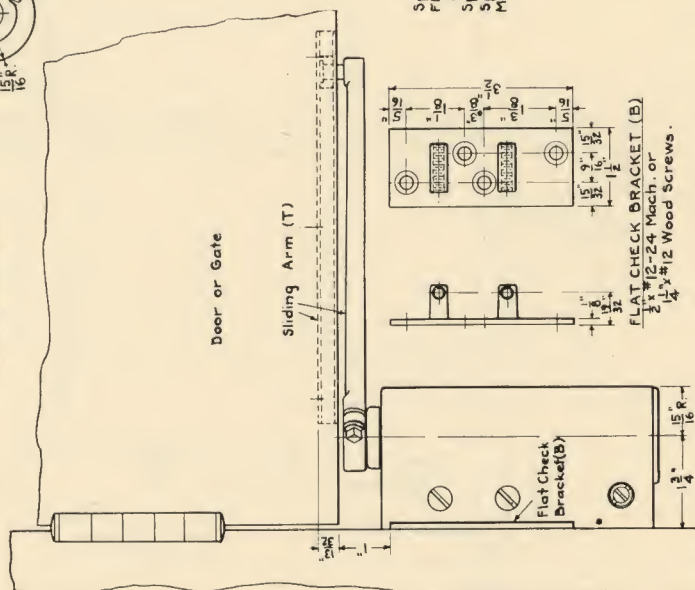
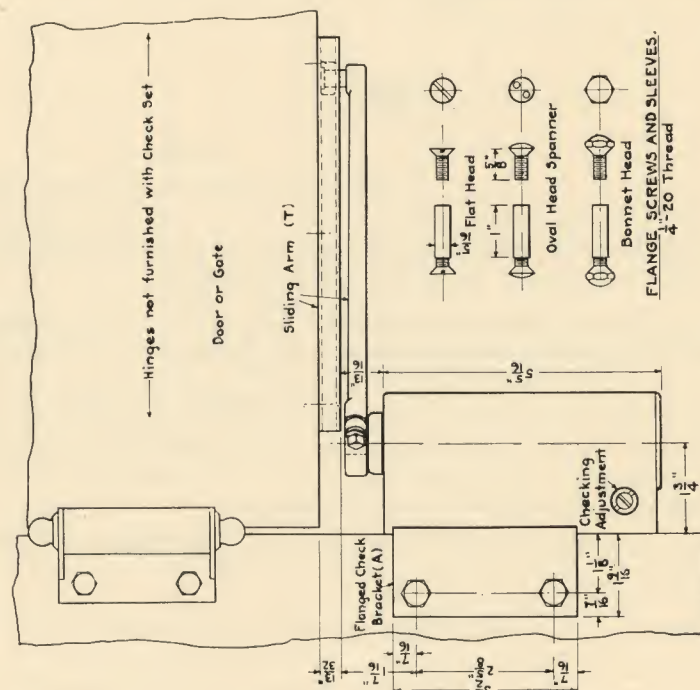
To insure obtaining genuine "Rixson" specify by name and number without substitution.

SERIES 350 CHECKING PIVOTS

SET NOS. 358, 359



End View of Door Rail



Set No.	Check Bracket	Arm
358	A	T
359	B	T

IMPORTANT

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BLUEPRINT TEMPLATES FURNISHED ON REQUEST

To insure obtaining genuine "Rixson" specify by name and number without substitution.

SINGLE-ACTING CHECKING PIVOT HINGES

No. G-1, No. G-2, No. R-1 AND No. R-2

OFFICE RAIL GATES, ETC.
SINGLE ACTING (NON-HANDED)

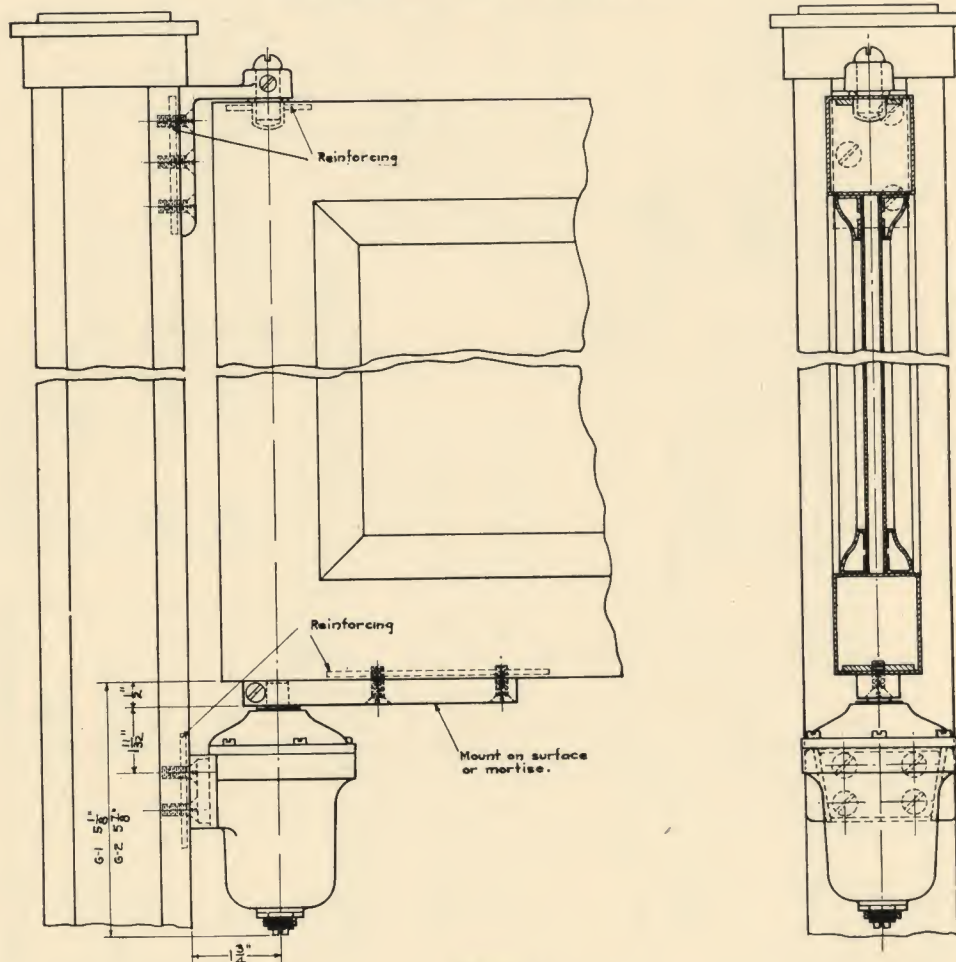


Figure 1
Rail Gate Treatment of Nos. G1 and G2.

G-1 and G-2 Checking Pivot Hinges which include a top pivot are for use on single acting center pivoted office rail gates. These are shown in Fig. 1.

R-1 and R-2 Checking Pivot Hinges do not include any pivots or hinges and are intended for use on gates or dwarf doors which are hung on butts. Fig. 2 illustrates the use of these checks.

The No. 1 Size will handle the average weight office gate of 2' 6" or less in width. On wider gates and doors or those above the average in weight the No. 2 Size should be used. The checks complete with arms and brackets are interchangeable. If the No. 1 Size check is found to be too small to operate a gate or door properly, after installing, the No. 2 Size check, arm, and bracket may be substituted without changing any of the mounting screw locations.

Furnished in Iron Primed for Paint; Brass and Bronze, Polished, Dull and Plated.

Packed 1 in Carton, 12 in Case.

Weight—No. 1, 4½ lbs.; No. 2, 6 lbs.

BLUE PRINT TEMPLATES FURNISHED ON REQUEST

To insure obtaining genuine "Rixson" specify by name and number without substitution.

RIXSON

SINGLE-ACTING CHECKING PIVOT HINGES

SINGLE ACTING (NON-HANDED)

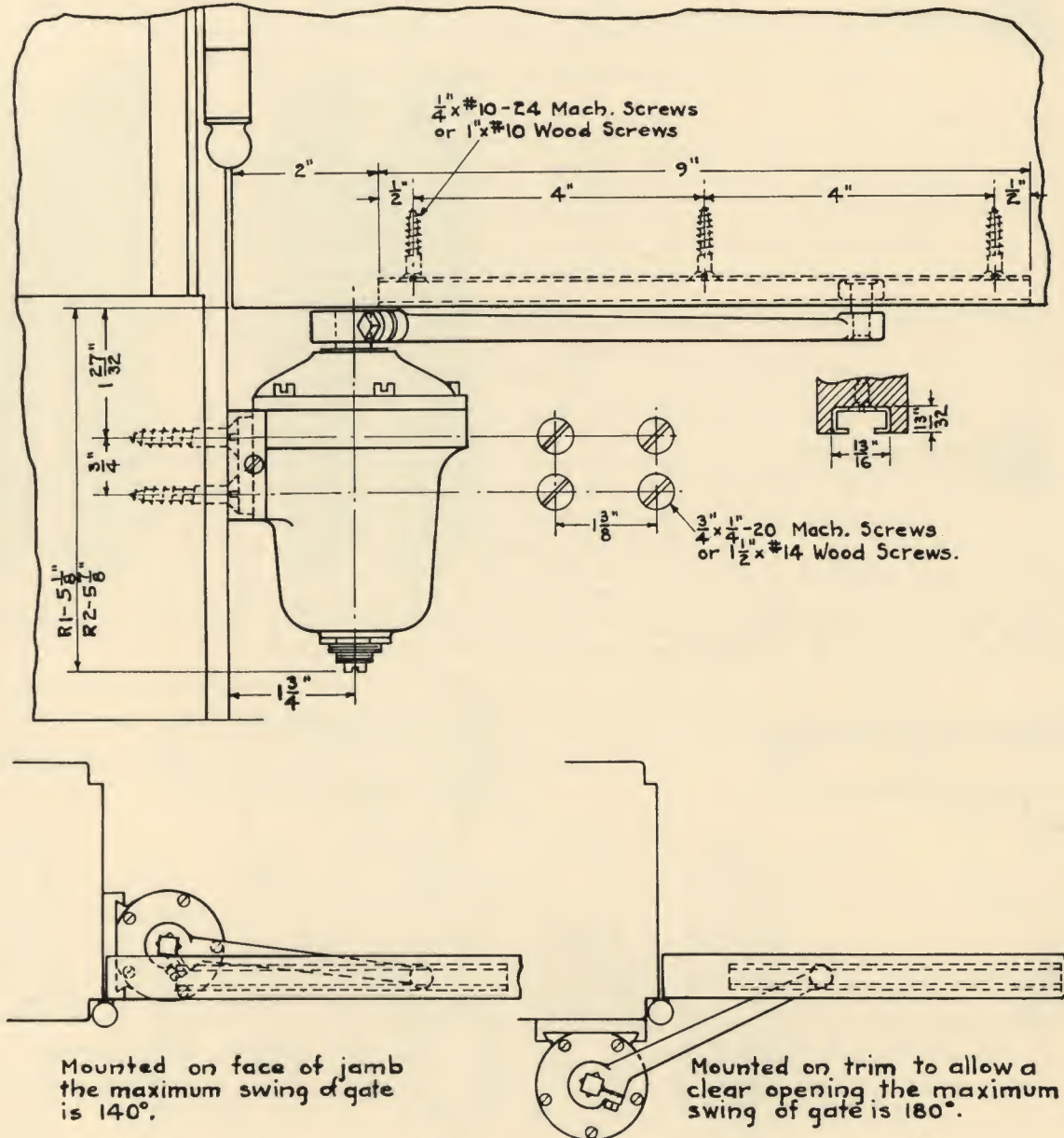


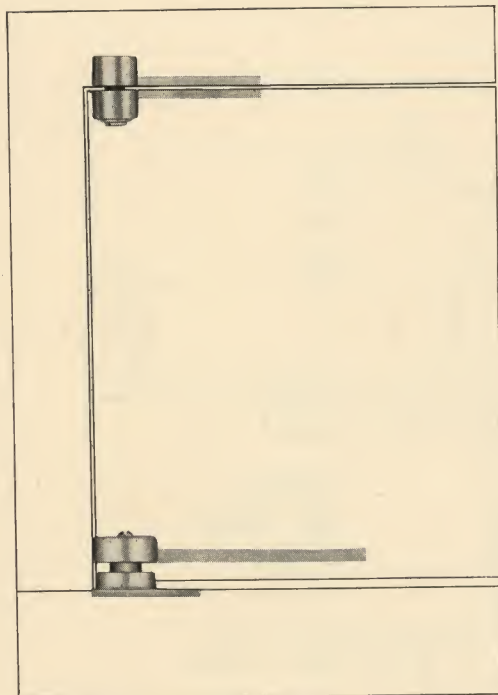
Figure 2.

Showing Nos. R1 and R2 for use on Gates and Dwarf Doors Hung on Butts.

BLUEPRINT TEMPLATES FURNISHED ON REQUEST

To insure obtaining genuine "Rixson" specify by name and number without substitution.

PIVOT SETS No. 117 AND No. 117 $\frac{1}{4}$ TO MATCH FLOOR CHECKS OF THE OFFSET TYPE (HANDED)



No. 117 Pivot Set with (BB)
Ball Bearing Top Pivot. (Arm shown matches
Uni-Check and Nos. 120 and 125 Floor Checks.)

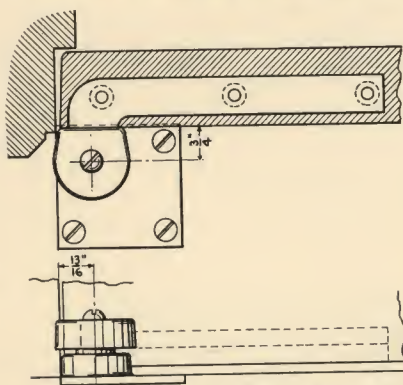
These Pivot Sets are designed particularly to match the exposed parts of the following Floor Checks, Nos. 18, 20, 120, 25, 125, and Uni-Check. Their use on inactive doors, closet doors, or other doors where no floor checks are required will provide a uniform appearance in fine offices, corridors, and entrance openings.

A top pivot is always furnished unless otherwise specified. Any one of the Offset Type Top or Side Jamb Pivots shown on page 10 may be used with the bottom pivots of Set No. 117 or No. 117 $\frac{1}{4}$. As it is necessary to specify the floor check which these pivot sets are to match, the regular top pivot furnished with the floor check will also be furnished with the pivot set unless otherwise specified.

The bottom portions of these pivot sets are simple in construction. They are equipped with self-lubricating bronze bearings which require no attention. There is no vertical adjustment.

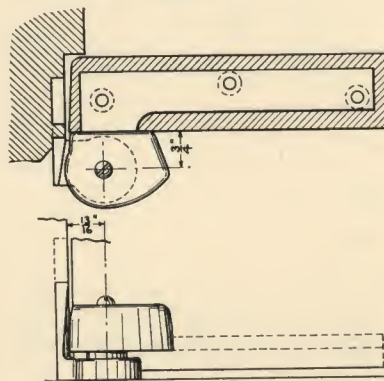
Top Pivots can be furnished in any of the materials and designs shown on page 10. Bottom Arms are malleable iron only. Arm Caps are stamped in material to match the Top Pivots. No. 117 Floor Plate and No. 117 $\frac{1}{4}$ Jamb Leaf are supplied in bronze or malleable iron.

Caution: The use of the No. 117 Pivot Set is recommended. The No. 117 $\frac{1}{4}$ Pivot Set when supplied to match No. 18, 20, or 25 Floor Check permits the door to be opened only to approximately 100 deg. This is due to the shape of the arm cap and the jamb leaf.



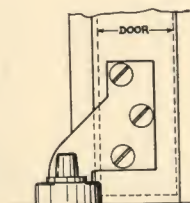
No. 117 Pivot Set, Bottom Portion

(Arm shown matches Uni-Check and Nos. 120 and Floor Checks.)



No. 117 $\frac{1}{4}$ Pivot Set, Bottom Portion

(Arm shown matches Nos. 18, 20, and 25 Floor Checks.)



When ordering give the following information:

1. Set Number.
2. Hand.
3. To match what Floor Check?

4. Wood or Machine Screws for Door and Jamb.
5. Finish.
6. Wood Screws or expansion shields for No. 117 Floor Plate.

Note: No. 117 Pivot is supplied with wood screws or lead expansion shields for securing to the floor.

No. 117 Pivot Set including Top Pivot packed 1 in carton. Weight, 3 $\frac{3}{4}$ lbs.

No. 117 $\frac{1}{4}$ Pivot Set including Top Pivot packed 1 in carton. Weight, 4 lbs.

BLUEPRINT TEMPLATES FURNISHED ON REQUEST



ADJUSTABLE BALL HINGES (HANDED)

(MODERN DESIGN ADJUSTABLE BALL HINGES, PAGE 54)



HINGE No. 2



HINGE No. 3

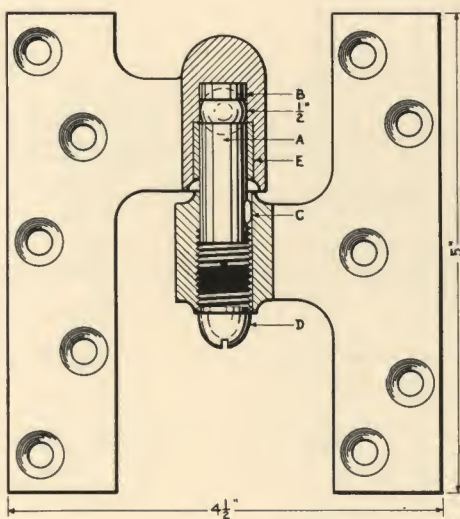
RIXSON ADJUSTABLE BALL HINGES embody mechanical features that are of particular advantage with metal doors.

On account of the special bronze used, we are able to guarantee these hinges when used one pair to the door on heavy doors, such as hollow metal corridor doors in office buildings. Due to the warpage often encountered with wood doors, we recommend the use of a pair and a half on each wood door.

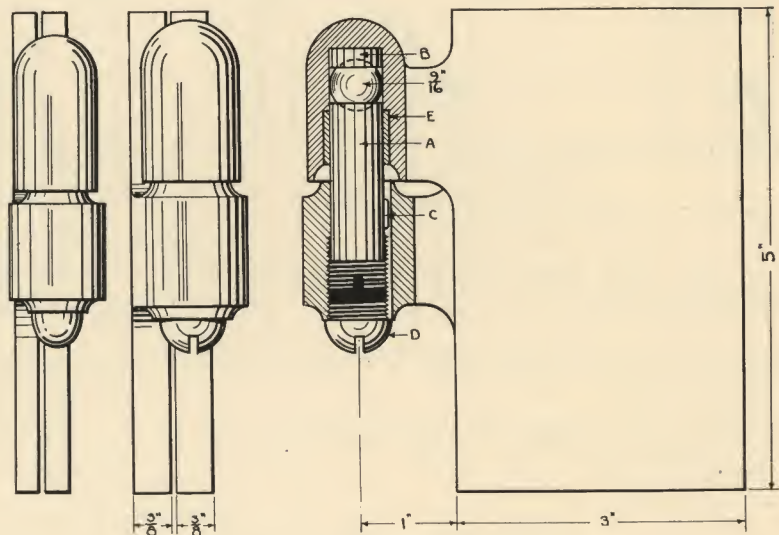
FRICTION IS VIRTUALLY ELIMINATED in that the pivot A, cup of bearing B and the steel ball are all of hardened steel. A self lubricating bronze bushing E takes the horizontal load. The pivot will operate for years without lubrication.

"THE UP AND DOWN ADJUSTMENT" feature is easily used. To raise or lower the door it is only necessary to remove Cap D; the pivot pin, and in turn the door can be raised or lowered by turning the slotted disc, on which the pivot rests. Pivot pin A has a key (C) which fits in a slot in the knuckle and prevents the pivot pin from turning.

RIXSON ADJUSTABLE BALL HINGE No. 3 IS MADE IN TWO WIDTHS: the narrow No. 3 hinge has similar overall dimensions to the No. 2 hinge but is much heavier, therefore suitable for use with extra heavy doors; the wide No. 3 hinge is furnished blank or with screw holes located to order. We do not supply this hinge in steel or brass metal.



HINGE No. 2



HINGE No. 3—5" x 8"



ADJUSTABLE BALL HINGES

(HANDED)



No. 02 and No. 03
MODERN
DESIGN

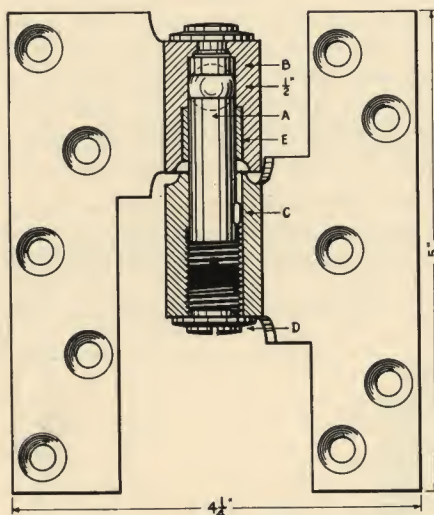
The trend in architecture toward Modern design has created a demand for a new design of hinge to blend in with this type of construction. The No. 02 and No. 03 MODERN ADJUSTABLE BALL HINGES were added to the line to fill this need.

The internal construction is the same as in the No. 2 and No. 3 hinges. A steel ball takes the vertical load and a self lubricating bronze bushing carries the horizontal load.

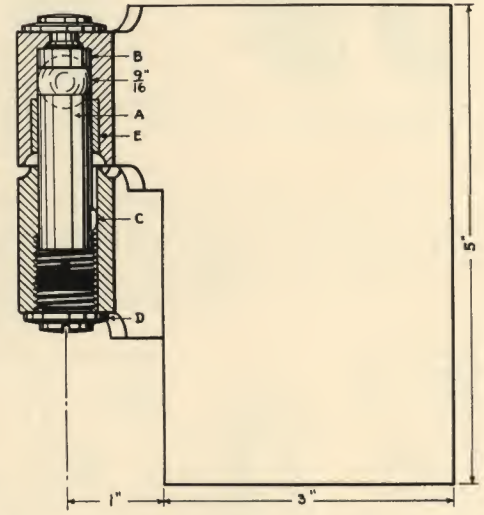
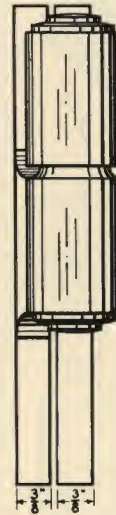
The No. 02 MODERN and No. 03 MODERN hinges have the same template details except that the No. 02 leaves are $\frac{5}{16}$ " thick while the No. 03 leaves are $\frac{3}{8}$ " thick.

The No. 03 MODERN 5" x 8" Hinge can be furnished blank or cut down and drilled to fill special needs.

Furnished in high strength cast bronze only.



No. 02 MODERN HINGE



No. 03 MODERN 5" x 8" HINGE

No. 2 Ball Hinge, Packed one pair in carton.
Weight, $3\frac{1}{2}$ lbs.

No. 02 Ball Hinge, Packed one pair in carton.
Weight, 4 lbs.

No. 3 Ball Hinge, Packed one pair in carton.
Weight, $4\frac{1}{4}$ lbs.

No. 03 Ball Hinge, Packed one pair in carton.
Weight, $4\frac{3}{4}$ lbs.

No. 3—5" x 8" Ball Hinge, Packed one pair in carton. Weight, $7\frac{1}{2}$ lbs.

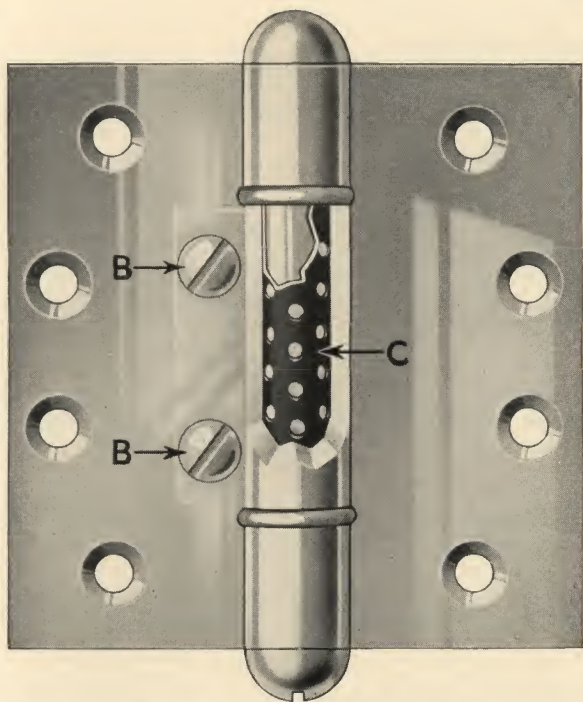
No. 03—5" x 8" Ball Hinge, Packed one pair in carton. Weight 9 lbs.

All Ball Hinges made to Template. Blueprint Templates Furnished on Request.

STATE HAND, FINISH, AND WOOD OR MACHINE SCREWS WHEN ORDERING.



FRICION HINGE No. 85 LOOSE PIN TYPE (NOT HANDED)



Rixson Friction Hinge No. 85

THIS HINGE IS DESIGNED on the simple principle of a brakeband. The center knuckle has a flat extension (note Fig. 3) which passes around the pin and screws B-B are threaded into this extension. The friction is applied by simply turning screws B-B with a large screwdriver. There is a perforated sleeve (note C) surrounding the pin; the perforation retains the grease which serves as a lubricant to eliminate all possible chance of noise.

THE TWO WASHERS shown between the knuckles are always furnished in Bronze.

BEING OF THE LOOSE PIN VARIETY makes the application most simple.

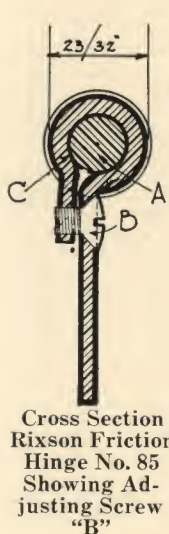
THERE IS BY FAR MORE FRICTION SURFACE embodied in our hinge than in any other friction hinge on the market.

NOTE—THIS HINGE IS RECOMMENDED for use on Hospital and Hotel room Doors; Bedroom Doors and Inswinging Casements.

JAMBS MUST BE SECURELY ANCHORED to prevent their working loose and to afford a positive attachment for this Friction Hinge. This will also prevent cracked Plaster Walls.

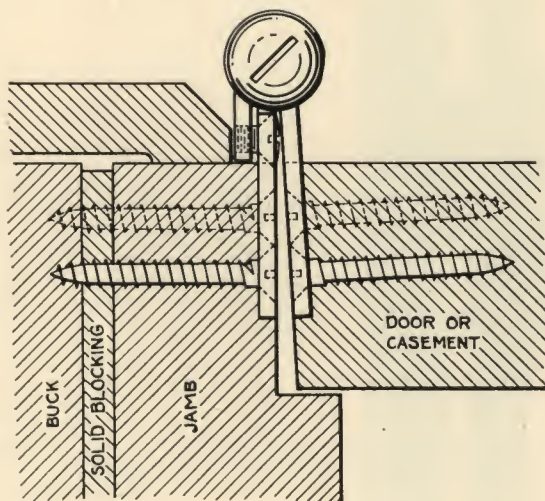
PREVENTS slamming and holds the door or sash open at any point, unaffected by normal drafts. FRICTION IS DISTRIBUTED over a large area, an essential feature, permitting easy and accurate adjustment and preventing wear.

SCREWS FOR WOOD are specially made for this hinge being threaded up to the head, insuring a good hold.



Cross Section
Rixson Friction
Hinge No. 85
Showing Ad-
justing Screw
"B"

Fig. 3



Installation Detail Friction Hinge No. 85

NEVER furnished in Brass, Bronze or White Metal.

When supplied to TEMPLATE a small additional price is asked.

Size $3\frac{1}{2} \times 3\frac{1}{2}$ Hinge Packed Pair in Carton.
Weight, 2 lbs. per pair.

Size 4x4 Hinge Packed Pair in Carton.
Weight, $2\frac{1}{2}$ lbs. per pair.

Size $4\frac{1}{2} \times 4\frac{1}{2}$ Hinge Packed Pair in Carton.
Weight, 3 lbs. per pair.

Size $5\frac{1}{2} \times 4\frac{1}{2}$ Hinge Packed Pair in Carton.
Weight, $3\frac{1}{2}$ lbs. per pair.

BLUE PRINT TEMPLATES FURNISHED ON REQUEST

OLIVE KNUCKLE HINGES

(HANDED)

THE KNUCKLE OF THIS HINGE IS A COPY OF THE POPULAR BUT EXPENSIVE FRENCH "OLIVE KNUCKLE" HINGE. The leaves have been so designed as to make them readily adaptable to American construction and easier to paint than their French prototypes.

The increasing demand for this type of hinge, not only in fine residences but also for hospitals, hotels and apartment houses, shows that its advantages are well appreciated and that its moderate cost makes possible its choice in preference to ordinary hinges, even where large quantities are involved. These hinges have been used in some of the finest residences in the country; a list of references will be gladly furnished.

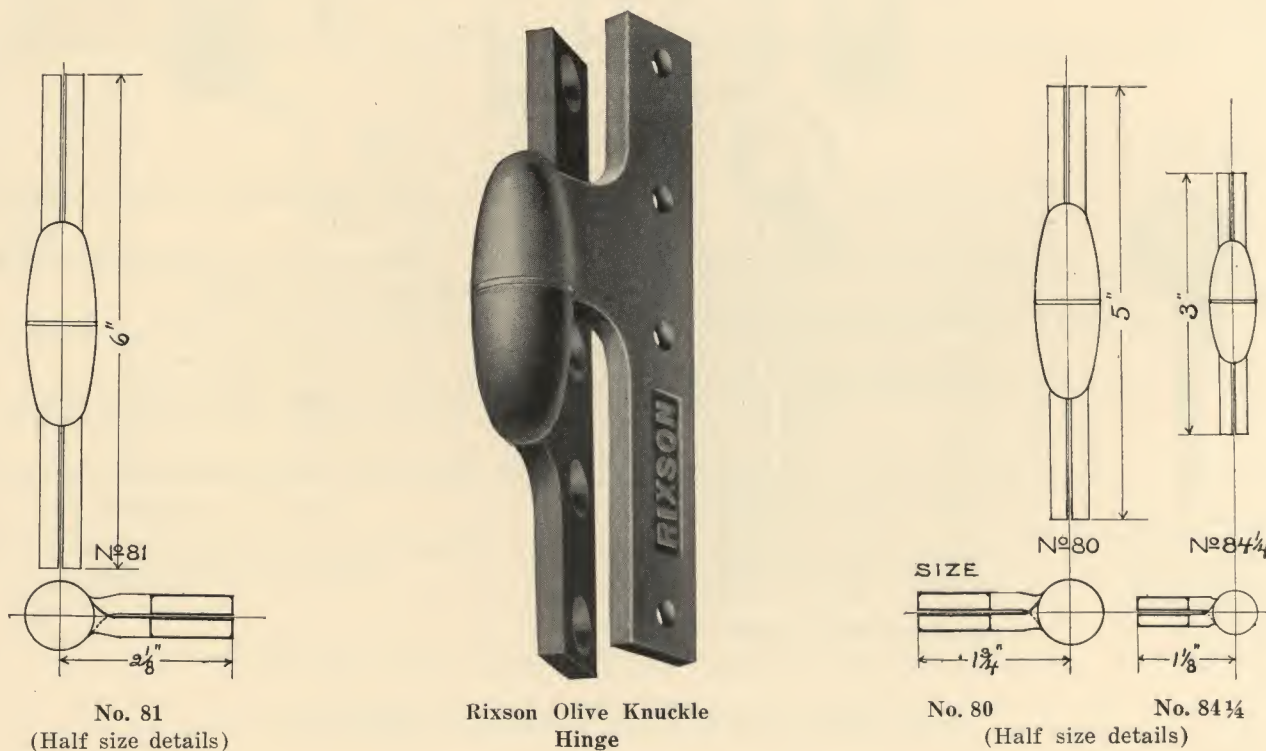
THESE HINGES ARE MADE IN CAST MALLEABLE IRON, selected for its unbreakableness, and also in BRASS AND BRONZE METAL. THEY ARE NOT MADE IN STEEL OR IN ORDINARY CAST GREY IRON. All Hinges have Bronze Washers.

ARCHITECTS interested in "Half-Polished-Iron" hardware should ask to see sample. We feel confident that our "Olive Knuckle" Hinge in this finish will meet with approval.

NOTE—We recommend that the sand blasted and primed finish be used and painted or stained at the job to match woodwork.

PAINTER'S INSTRUCTIONS—To match natural finished woodwork or stained woodwork, give the hinge one coat of yellow ochre, let it dry, then stain or varnish same as the woodwork.

To match painted woodwork, just paint the hinges same as the woodwork; the sand-blasting and priming makes the paint stick perfectly.





OLIVE KNUCKLE HINGES

(HANDED)

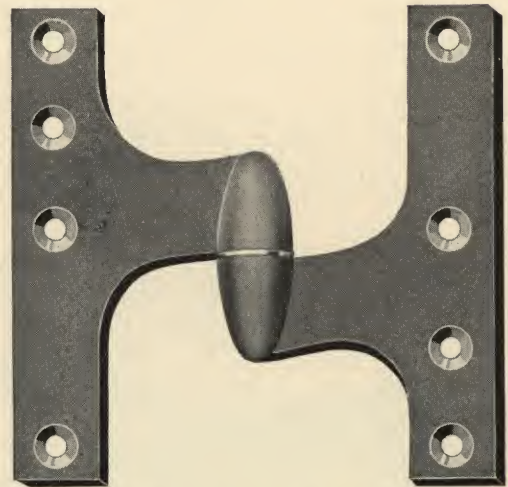
No. 80 (size $5 \times 3\frac{1}{2}$) and No. 180 (size 5×5) are intended for use on Light Doors up to $1\frac{1}{2}$ " thick.

No. 81 (size $6 \times 4\frac{1}{4}$) and No. 181 (size 6×6) are recommended for Heavier Doors.

No. $84\frac{1}{4}$ (size $3 \times 2\frac{1}{4}$) is a Cabinet hinge for use on Bookcase, Medicine Cabinet and Cupboard Doors.

All above hinges can be furnished in plated finishes on Brass, Bronze or Malleable Iron.

White Metal and Aluminum furnished only in quantities.



Olive Knuckle Hinge
No. 180— 5×5 "
No. 181— 6×6 "

Also supplied to template when so ordered. Blue Print Templates Furnished on Request.

No. 80 — $5 \times 3\frac{1}{2}$ Packed 1 Pair in Carton, Weight, $1\frac{3}{4}$ lbs. Per Pair.

No. 180 — 5×5 Packed 1 Pair in Carton, Weight, $1\frac{3}{4}$ lbs. Per Pair.

No. 81 — $6 \times 4\frac{1}{4}$ Packed 1 Pair in Carton, Weight, $2\frac{3}{4}$ lbs. Per Pair.

No. 181 — 6×6 Packed 1 Pair in Carton, Weight, $2\frac{3}{4}$ lbs. Per Pair.

No. $84\frac{1}{4}$ —Packed 3 Pair in Carton, Weight, $1\frac{1}{2}$ lbs.

STATE HAND WANTED WHEN ORDERING

BLUE PRINT TEMPLATES FURNISHED ON REQUEST



IMPROVED DOOR STAY AND HOLDER No. 38 AND No. 39

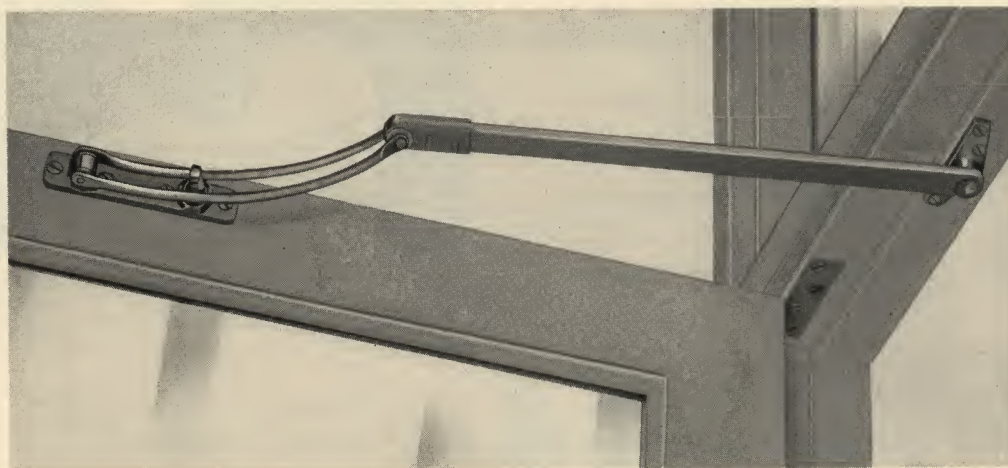
(NON-HANDED)

For years the No. 38 and No. 39 Rixson Door Stays and Holders have been recognized as the most efficient means of stopping and holding heavy duty doors in the open positions.

We now offer the IMPROVED DOOR STAY AND HOLDER NO. 38 AND NO. 39 which possesses all the advantages of the earlier models and in addition, is heavier in construction and is more pleasing in appearance.

The door and jamb anchors are larger and more rigid. The main arm has a heavier section. A new type of connection is located at the middle joint for use in changing the hand of the holder. This permits the use of a long and substantial bearing at this point. The three working joints now have large, close fitting, self-lubricating bronze bearings which insure against any sagging of the holder after long use. The two spring arms are either of high strength silicon spring bronze or tempered spring steel and now are parallel to each other for improved appearance.

This IMPROVED STAY AND HOLDER is the safest device for use on HEAVY DUTY ENTRANCE DOORS TO PUBLIC BUILDINGS. It is particularly suitable for batteries of doors where some open back to back and others open against masonry reveals. The cantilever principle of this device offers a protection to hinges, door, and jamb that no other type can afford.



TO INSURE
OBTAINING GEN-
UINE "RIXSON"
PRODUCTS
SPECIFY BY
NAME AND
NUMBER.

The Improved Rixson Door Stay and Holder No. 38.

THIS DEVICE IS MADE IN TWO STYLES.

NO. 38, ONLY HOLDS THE DOOR OPEN WHEN A THUMB PIECE "E" IS TURNED. (See page 59.) This Thumb Piece is so shaped that no damage will be done if the door is forced shut without turning it.

NO. 39, HOLDS THE DOOR OPEN AUTOMATICALLY. It has a wedge shaped stationary block that engages the spring arms "B" when the door is pushed open. It is released by a slight pull.

HEAVY TRAFFIC DOORS, or doors made of soft wood, should have anchor piece "C-1" attached with bolts through the door.

Furnished in Bronze and Steel only, plated if desired.

Packed 2 in box with screws.

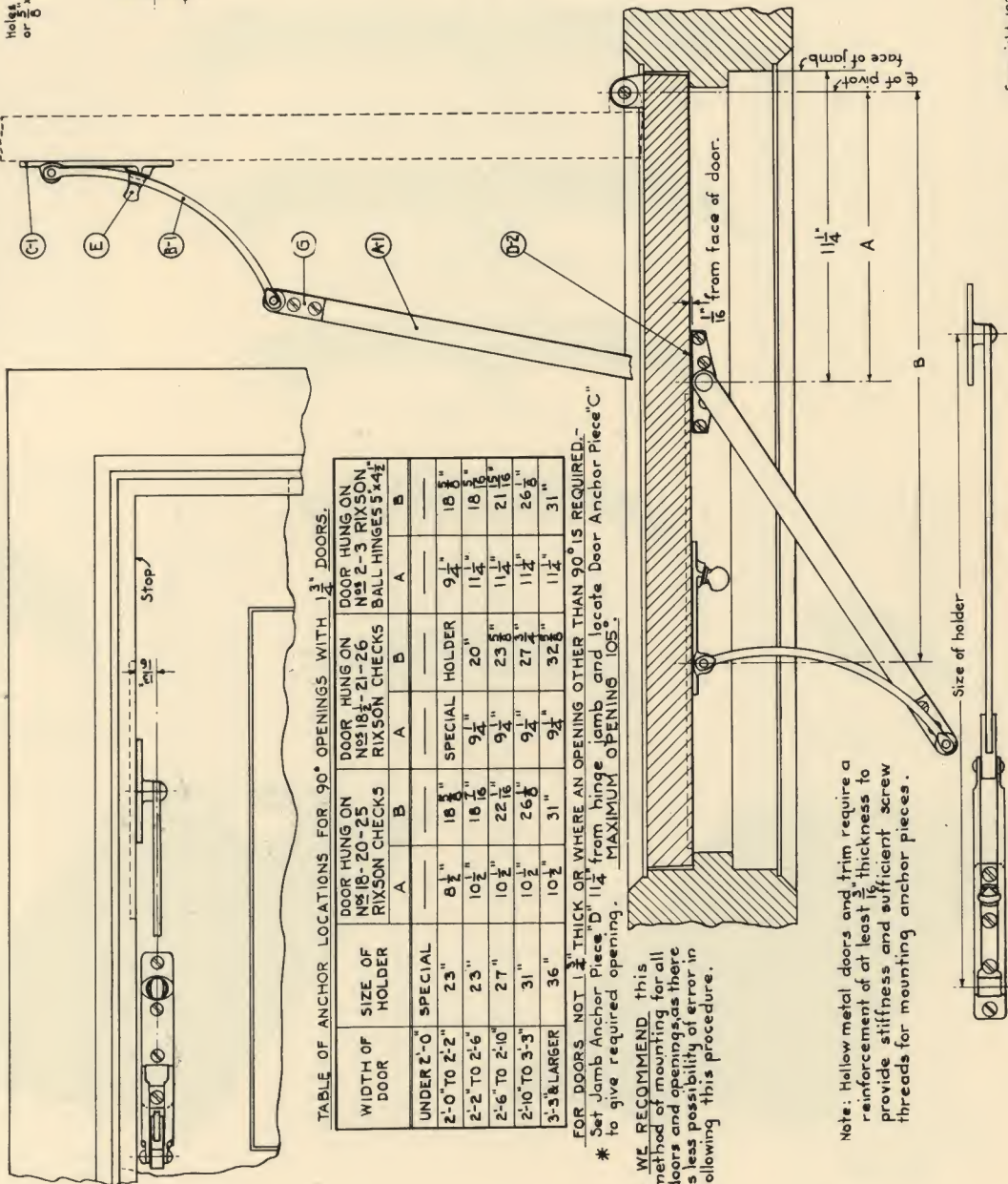
Doors 2'- 0" to 2'- 6" wide—Holder length 23"—Weight each, 2¾ lbs.

Doors 2'- 6" to 2'-10" wide—Holder length 27"—Weight each, 3 lbs.

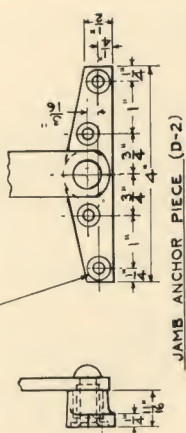
Doors 2'-10" to 3'- 3" wide—Holder length 31"—Weight each, 3¼ lbs.

Doors 3'- 3" and more wide—Holder length 36"—Weight each, 3½ lbs.

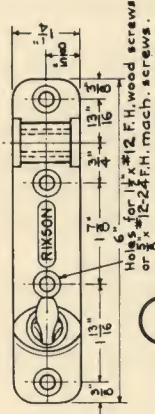
IMPROVED DOOR STAY AND HOLDER NO. 38 AND NO. 39



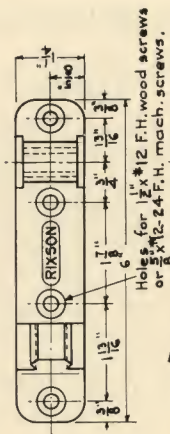
Holes for #12 x 1 1/2" F.H. wood screws or 5/8" x 12-24 F.H. mach. screws.



JAMB ANCHOR PIECE (D-2)



NO. 38 DOOR ANCHOR PIECE (C-1)
(Screw Holes Only, to Template)



NO. 39 DOOR ANCHOR PIECE (F-1)
(Screw Holes Only, to Template)

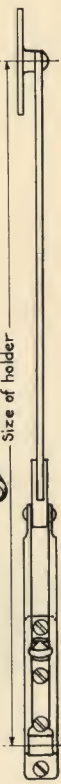
TABLE OF ANCHOR LOCATIONS FOR 90° OPENINGS WITH 1 1/4" DOORS.

WIDTH OF DOOR	DOOR HUNG ON NOS 18-20-25 RIXSON CHECKS		DOOR HUNG ON NOS 18 1/2-21-26 RIXSON CHECKS		DOOR HUNG ON NOS 2-3 RIXSON BALL HINGES 5x4 1/2	
	A	B	A	B	A	B
UNDER 2'-0"	SPECIAL					
2'-0" TO 2'-2"	23"	18 1/2"	SPECIAL	HOLDER	9 1/4"	18 5/8"
2'-2" TO 2'-6"	23"	10 1/2"	9 1/4"	20"	11 1/4"	18 5/8"
2'-6" TO 2'-10"	27"	10 1/2"	9 1/4"	23 3/4"	11 1/4"	21 1/2"
2'-10" TO 3'-3"	31"	10 1/2"	9 1/4"	27 1/2"	11 1/4"	26 1/8"
3'-3" & LARGER	36"	10 1/2"	9 1/4"	32 3/8"	11 1/4"	31"

FOR DOORS NOT 1 1/4" THICK OR WHERE AN OPENING OTHER THAN 90° IS REQUIRED.
* Set Jamb Anchor Piece "D" 1 1/4" from hinge jamb and locate Door Anchor Piece "C" to give required opening.

* WE RECOMMEND this method of mounting for all doors and openings, as there is less possibility of error in following this procedure.

Note: Hollow metal doors and trim require a reinforcement of at least 1/2" thickness to provide stiffness and sufficient screw threads for mounting anchor pieces.



Size of holder

BLUEPRINT TEMPLATES FURNISHED ON REQUEST

Copyright 1936



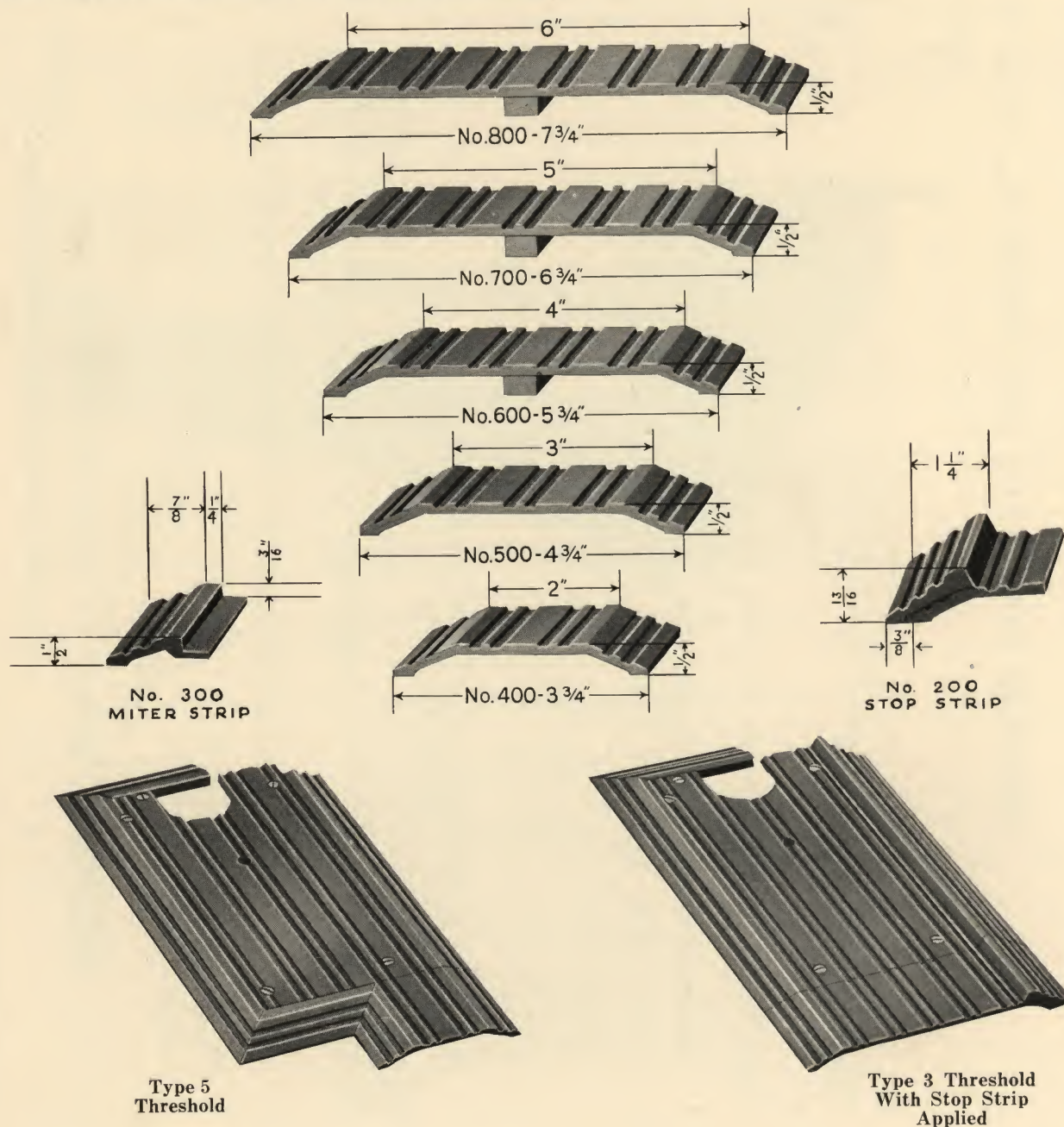
THRESHOLDS OF RIXSON DESIGN

ARCHITECTURAL BRONZE AND ALUMINUM—CAST ABRASIVE BRONZE,
ALUMINUM, WHITE METAL AND IRON

A Symmetrically pleasing design of Threshold adapted for use with Rixson Floor Checks or where Floor Checks Are Not Used. When considering Thresholds and Floor Checks it is essentially logical to Specify Rixson Floor Checks and Rixson Thresholds by Number and Type assuring the utmost in Satisfaction and Quality. This Company being the most successful Manufacturer of Floor Checks and with the longest experience is eminently qualified to furnish Thresholds as an installation integral with Floor Checks.

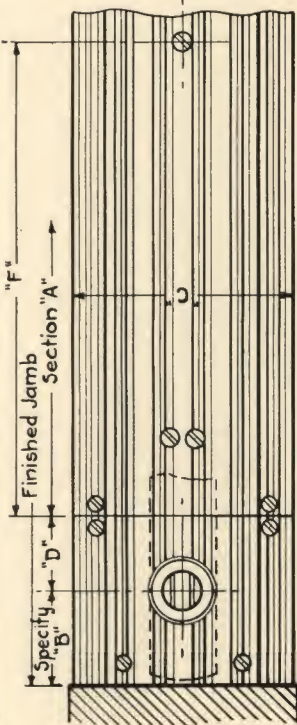
The Pleasing Design of Rixson Threshold should guarantee its use also where floor checks are not required.

Our Engineers will gladly check your Threshold requirements and will assist in solving problems due to special conditions, if you will send us details.



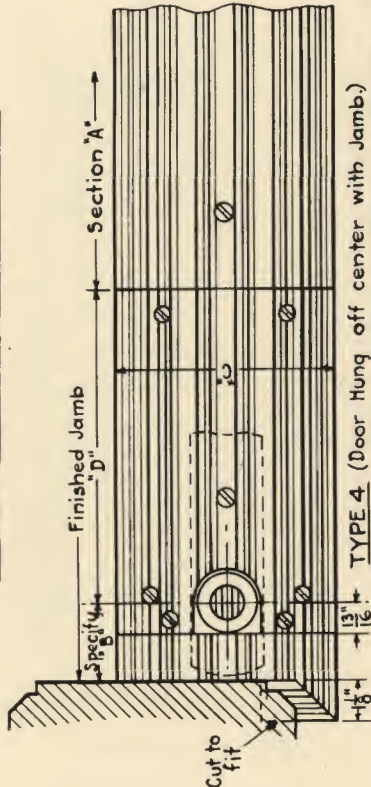


THRESHOLDS OF RIXSON DESIGN



TYPE 1A (Door Hung at Center of Jamb.)

	B	C	D	F
30	2 1/8" Minimum	5 3/4"	2"	12 1/4"
40	2 9/16" Minimum	6 3/4"	1 5/8"	14 3/4"



TYPE 4 (Door Hung off center with jamb.)

	B	C	D
18 1/2	1 3/4" Minimum	5 3/4"	8 1/4"
21	2" Minimum	6 3/4"	9 1/4"
26	2 1/8" Minimum	7 3/4"	12 3/8"
30	2 1/4" Minimum	8 3/4"	14 5/8"
40	2 9/16" Minimum	9 3/4"	16 3/8"

IMPORTANT

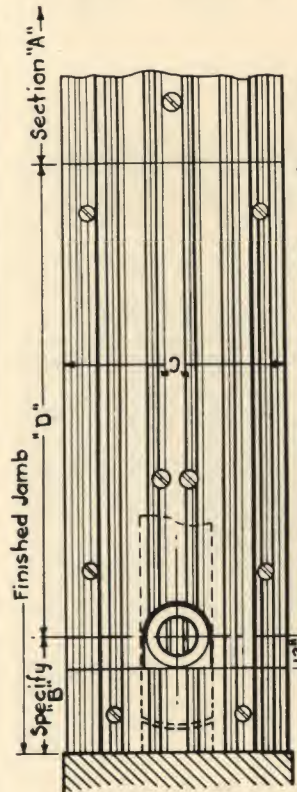
The EXACT DISTANCES between FINISHED JAMBS (not door stops) and between CHECK SPINDLES and FINISHED JAMBS must be specified. We are NOT RESPONSIBLE if the length ordered does not fit the opening.

In SETTING thresholds, the floor checks and cement cases should be at hand. The entire assembly should be blocked up in the door opening so that the check spindles are properly located and the sections of the threshold line up perfectly.

When pouring concrete floors, openings should be left between jambs so that checks and threshold may be grouted in accurately after the finished jambs are in place.

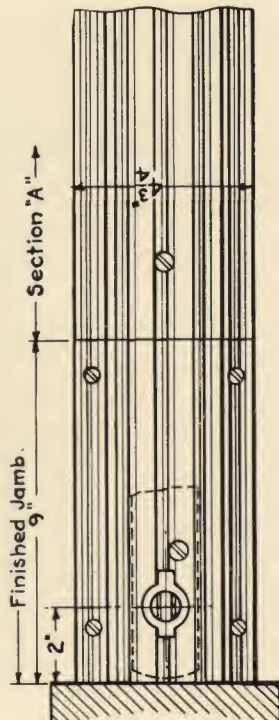
Note: Intermittent Center Bar Support supplied with No. 600, No. 700 and No. 800 Thresholds whether concrete anchors are ordered or not. Also furnished with No. 400 and No. 500 Thresholds with concrete anchors only. Expansion shields supplied when ordered at market price. Specify if Concrete Anchors or Wood Screws are wanted.

ON BATTERIES OF DOORS OR WHERE UNUSUAL CONDITIONS PREVAIL SUBMIT DRAWINGS FOR PRICES.



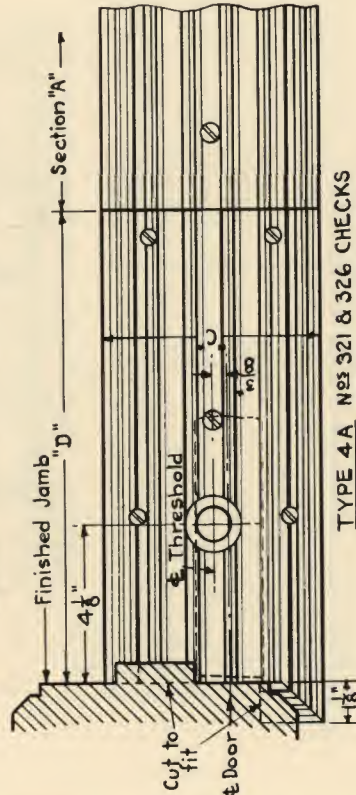
TYPE 1 (Door Hung at Center of Jamb.)

	B	C	D
18 1/2	1 3/4" Minimum	5 3/4"	8 1/4"
21	2" Minimum	6 3/4"	9 1/4"
26	2 1/8" Minimum	7 3/4"	12 3/8"
30	2 1/4" Minimum	8 3/4"	14 5/8"
40	2 9/16" Minimum	9 3/4"	16 3/8"



TYPE 2 (Door Hung at Center of Jamb.)

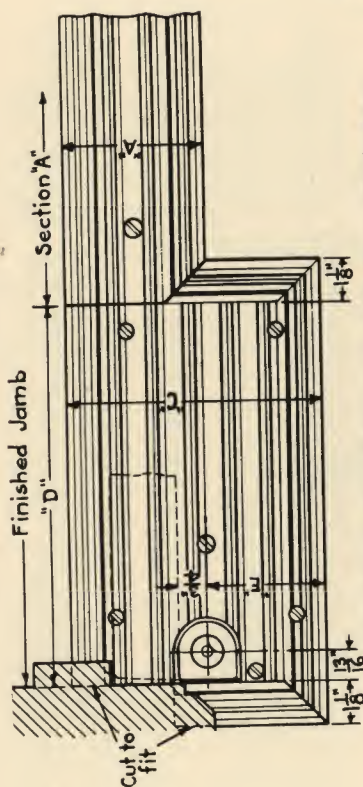
Junior	10	12	15	16
--------	----	----	----	----



TYPE 4A NOS 321 & 326 CHECKS

	321	326
C	5 1/4"	6 3/4"
D	12 3/8"	13 3/8"

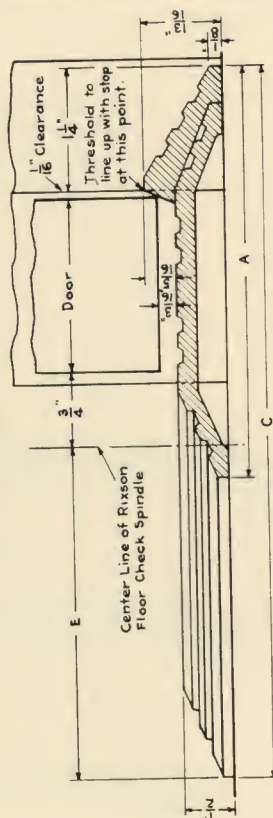
THRESHOLDS OF RIXSON DESIGN



TYPE 5 Check Number and Door Thickness.

	18-1/2" or less	20-3" or less	25-2" or less	25-3" or less
A	3 3/4"	4 3/4"	5 3/4"	6 3/4"
C	5 1/2"	6 1/2"	7 1/2"	8 1/2"
D	7 1/2"	8 1/2"	9 1/2"	10 1/2"
E	2 1/2"	3 1/2"	4 1/2"	5 1/2"

NO. 200 STOP STRIP CAN BE APPLIED TO TYPES 3 AND 5 THRESHOLDS AS SHOWN BELOW

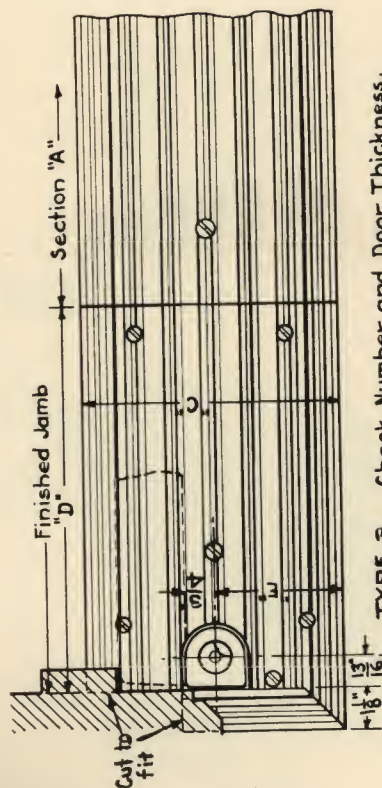


TYPE 5 THRESHOLD WITH STOP

IMPORTANT

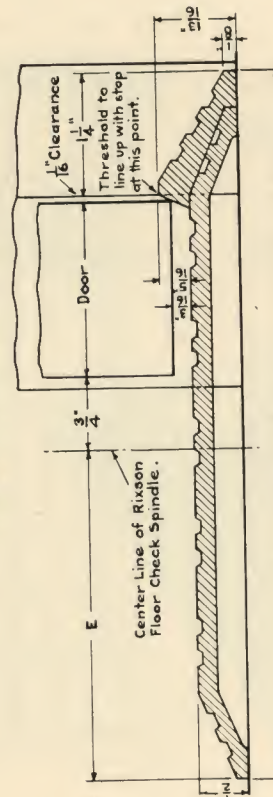
THE EXACT DISTANCES BETWEEN FINISHED JAMBS (NOT DOOR STOPS) AND BETWEEN CHECK SPINDLES AND FINISHED JAMBS MUST BE SPECIFIED. WE ARE NOT RESPONSIBLE IF THE LENGTH ORDERED DOES NOT FIT THE OPENING.

FOR SINGLE ACTING DOORS OVER 1 3/4" THICK, TYPES NO. 3 OR NO. 5 SHOULD BE USED AND THICKNESS OF DOOR SPECIFIED SO THAT PROPER WIDTH COVER PLATE CAN BE SUPPLIED.



TYPE 3 Check Number and Door Thickness.

	18-1/2" or less	20-3" or less	25-2" or less	25-3" or less
C	5 1/2"	6 1/2"	7 1/2"	8 1/2"
D	7 1/2"	8 1/2"	9 1/2"	10 1/2"
E	2 1/2"	3 1/2"	4 1/2"	5 1/2"



TYPE 3 THRESHOLD WITH STOP

REQUIRED DIMENSIONS FOR RIXSON TYPES 3 & 5 THRESHOLDS WITH STOP STRIP FOR VARIOUS DOOR THICKNESSES.

Door Thickness	NO. 18 CHECK				NO. 20 & 120 CHECKS				NO. 25 & 125 CHECKS			
	A	C	D	E	A	C	D	E	A	C	D	E
1 1/2"	4 1/2"	5 1/2"	6 1/2"	7 1/2"	4 1/2"	5 1/2"	6 1/2"	7 1/2"	4 1/2"	5 1/2"	6 1/2"	7 1/2"
1 3/4"	4 1/2"	5 1/2"	6 1/2"	7 1/2"	4 1/2"	5 1/2"	6 1/2"	7 1/2"	4 1/2"	5 1/2"	6 1/2"	7 1/2"
2"	4 1/2"	5 1/2"	6 1/2"	7 1/2"	4 1/2"	5 1/2"	6 1/2"	7 1/2"	4 1/2"	5 1/2"	6 1/2"	7 1/2"
2 1/4"	5 1/2"	6 1/2"	7 1/2"	8 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"
2 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"
2 3/4"	5 1/2"	6 1/2"	7 1/2"	8 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"
3"	5 1/2"	6 1/2"	7 1/2"	8 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"	5 1/2"	6 1/2"	7 1/2"	8 1/2"



SECTION B

CASEMENT HARDWARE

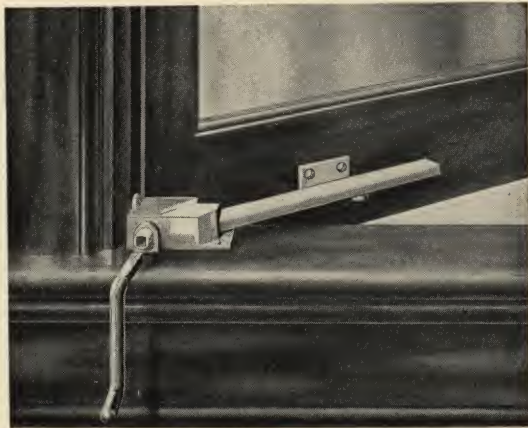
TRANSOM OPERATORS

SURFACE AND CREMORNE BOLTS

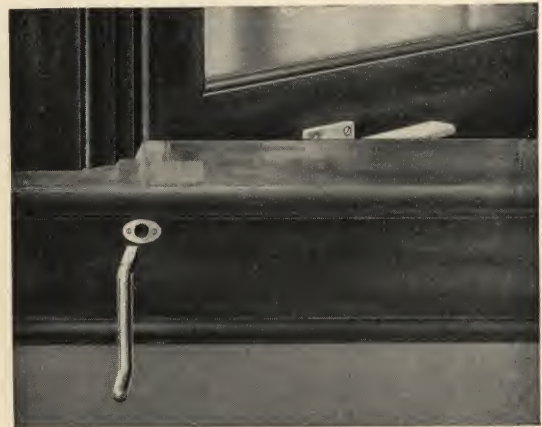
CASEMENT OPERATOR No. 95

(HANDED)

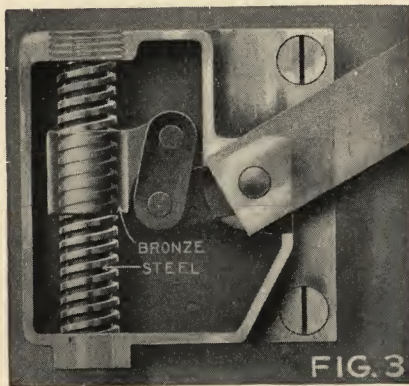
FOR HINGED WINDOWS SWINGING OUT



Installation Above Stool
Fig. 1



Concealed Installation
Fig. 2



Operating Mechanism Casement
Operator No. 95

RIXSON CASEMENT OPERATOR No. 95 has been on the market since 1915, having been used during that period in all types of buildings, both public and private, with complete satisfaction to the users.

It permits the opening or closing of outswinging casement windows without disturbing the fly screens. A window equipped with Rixson Casement Operator No. 95 is always locked in position and cannot be moved except by turning the handle. When closed, the window is held absolutely tight, eliminating all rattle.

The mechanism being of the screw type develops ample power to handle sash in sizes up to 2 ft. 6 in. wide. (See Fig. 3.) The driving screw is of steel with double square threads and the traveler that runs on this screw is of cast bronze, doing away with all possibility of these two parts ever rusting together.

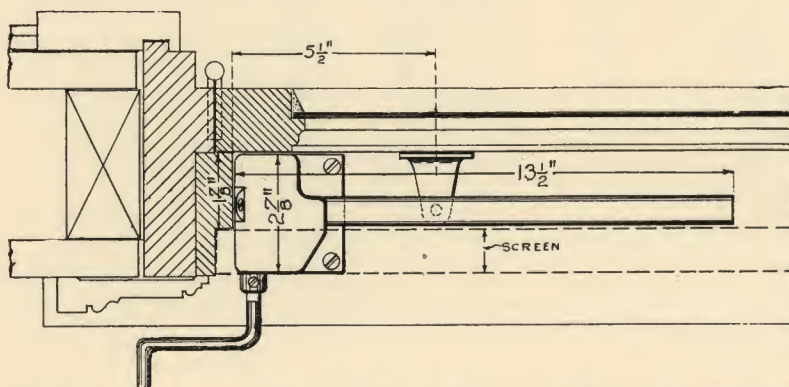
The arm is a special stamped form permitting application without marring the finish as the sash plate slides inside the arm. The slide which runs inside the arm is covered with fiber to eliminate friction and make the device noiseless.

In the iron operator the case is made of malleable iron because of its unbreakableness.

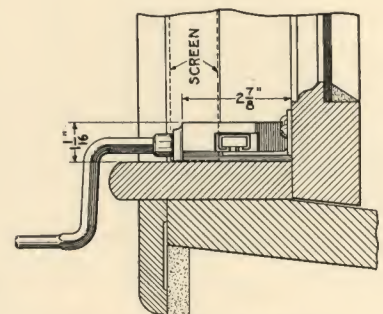
Special sash-plate "X" (See Fig. 11, Page 70) must be ordered when the operator is wanted to work in combination with Casement Hinge No. 90.

This device may be used concealed or exposed, see Figs. 1 and 2.

Packed 2 in Carton, Weight $3\frac{3}{4}$ lbs. SEE PAGE 69 FOR HANDLES.



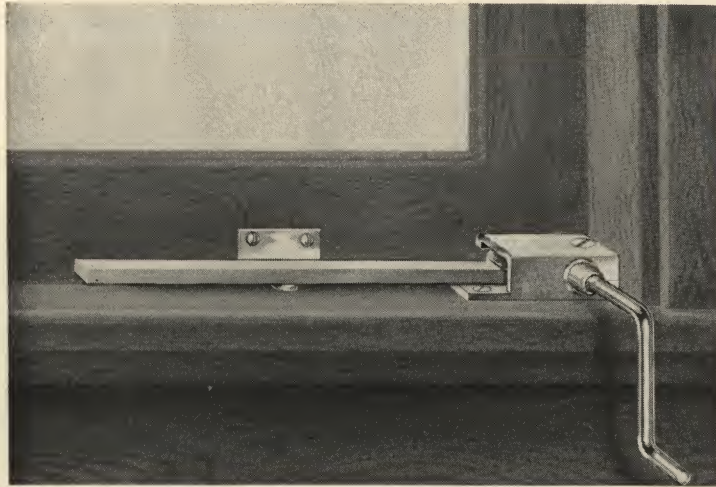
No. 95 Casement Operator as Applied in Ordinary Frame Construction



Detail Showing the Device
Placed on Top of Stool



CASEMENT WINDOW OPERATOR No. 94
(HANDED)
FOR HINGED WINDOWS SWINGING OUT



RIXSON'S No. 94 CASEMENT OPERATOR IS OF THE MOST MODERN type of construction being made of Steel Stampings with a Hard Bronze Driving Worm which operates a steel Gear attached to the arm. This Operator has the same efficient arm with noiseless sliding block that is embodied in the popular Rixson No. 95 Operator which has been on the market since 1915.

One glance at this device will show the Simplicity and Strength of construction with the few Working Parts. It LOCKS the sash in any position up to 90° and prevents rattling when closed. The CASE being very narrow permits the operator being used on STOOLS ONLY 1 $\frac{9}{16}$ " WIDE. ONLY THREE AND ONE-HALF TURNS OF THE HANDLE REQUIRED FOR A COMPLETE OPERATION. All bearing surfaces are steel to bronze or bronze to fibre.

INSTRUCTIONS FOR ORDERING

State Hand of Operators, the above illustration shows a Right Hand Operator.

Give Width of Stool if handles longer than regular (for 6" Stool) are required.

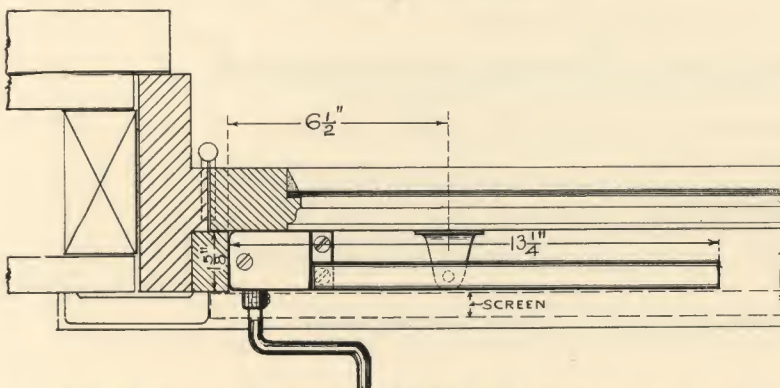
When used with Steel Sash on an exceedingly narrow stool or where no stool occurs a Steel Base Plate can be supplied at a small extra charge. Special Anchor Pieces are furnished to suit various types of Steel Sash.

Special Anchor Plate "X" must be ordered when operator is used in connection with No. 90 Casement Hinge.

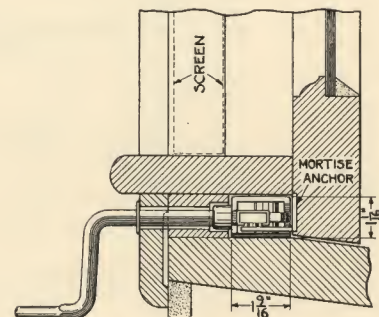
This Operator cannot be used with cleaning hinges of other makes where the hinges are merely of the long throw type. (See Operator No. 194, pages 66 and 67.)

WE RECOMMEND APPLICATION ABOVE THE STOOL. When used under the stool a small Rosette is furnished to finish off the hole in the apron for the handle.

Packed 2 in Carton, Weight, 2 $\frac{3}{4}$ lbs.



No. 94 Casement Operator Showing Its Adaptability to Very Narrow Stool



Detail No. 94 Casement Operator Concealed Under Stool

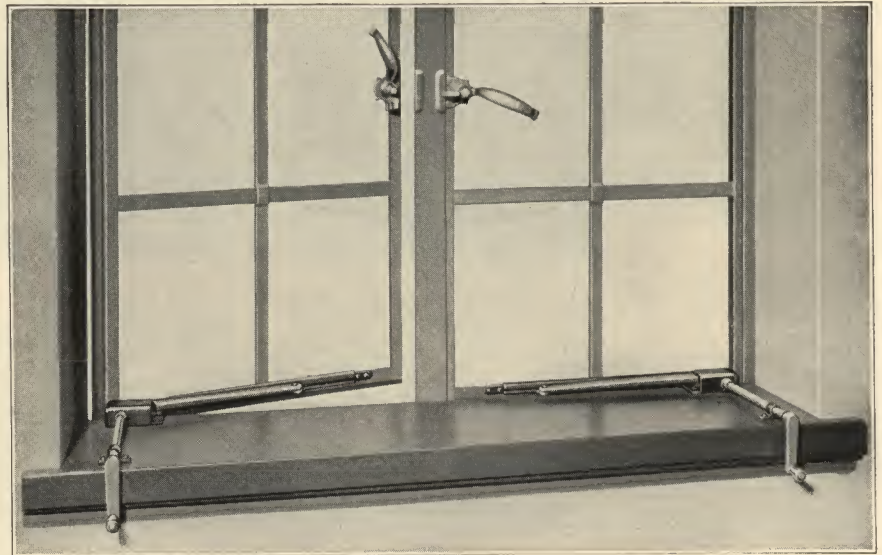
SEE PAGE 69 FOR HANDLES

CASEMENT WINDOW OPERATOR No. 194

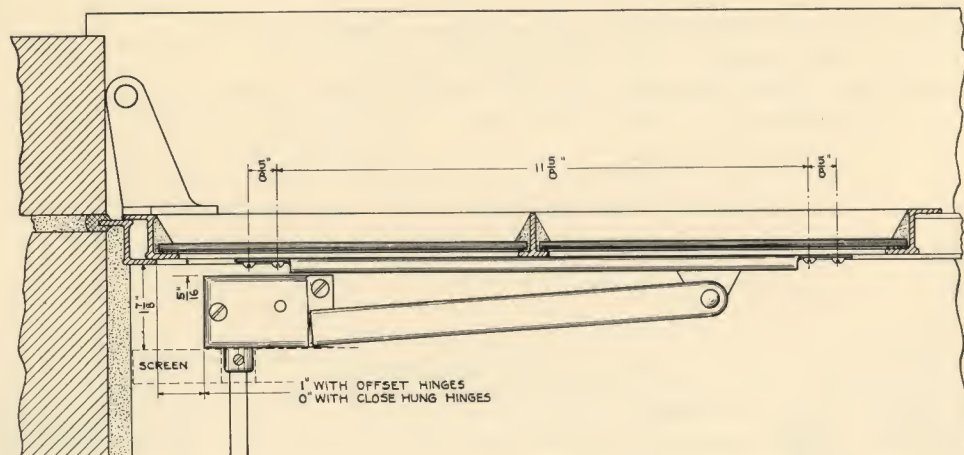
FOR STEEL AND WOOD HINGED WINDOWS SWINGING OUT (HANDED)

A wonderfully neat and effective method of control of out swinging STEEL AND WOOD Casements is afforded by Rixson's No. 194 Casement Operator.

The Simplicity of Design and the Ease of Application makes this device a most Attractive one. The sliding bar attached to the sash has Standard Perforations for screws.



Metal Sash Installation



Detail Showing No. 194 Operator When Used With Steel Sash

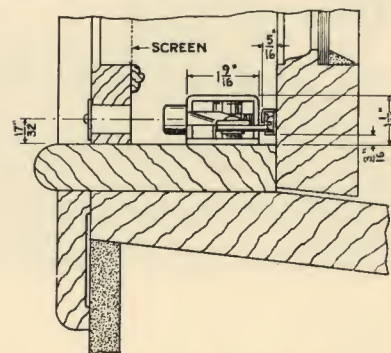
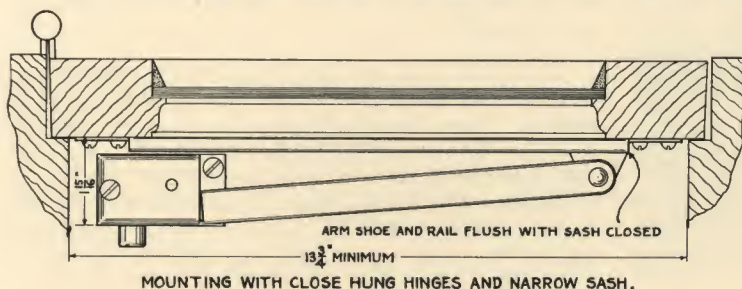


CASEMENT WINDOW OPERATOR No. 194

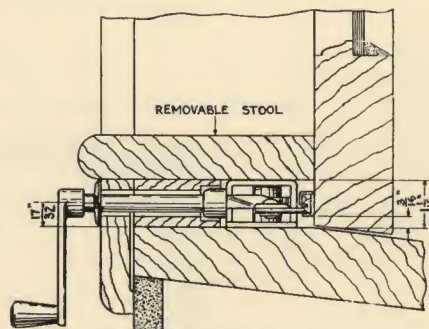
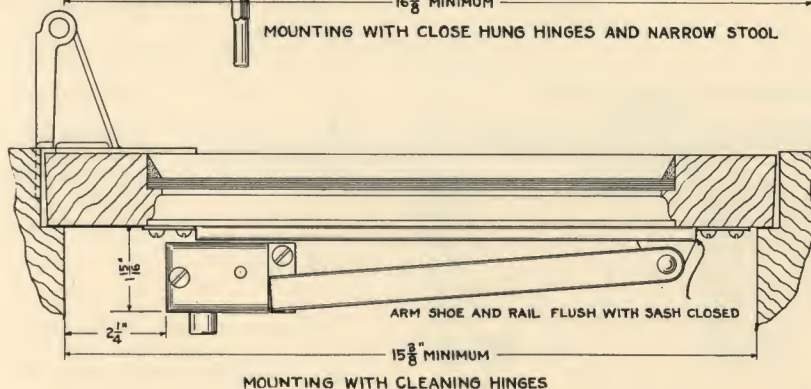
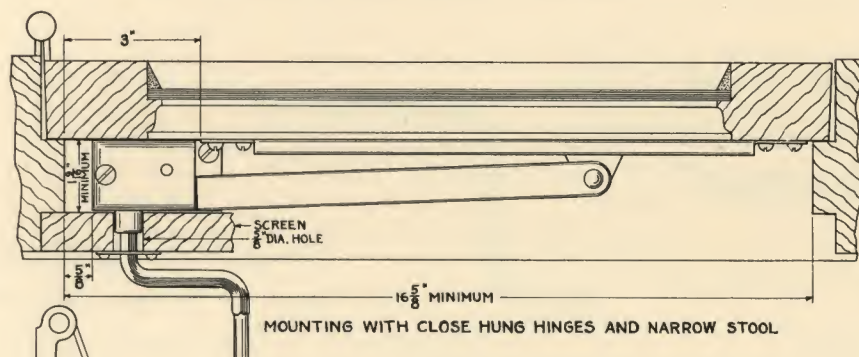
FOR STEEL AND WOOD HINGED WINDOWS SWINGING OUT (HANDED)

This device is suitable for use with all types of hinges whether they be the cleaning type or close hung.

The operating mechanism is identical to that used in the rugged No. 94 Casement Operator.



No. 194 Casement
Operator Mounted on
Top of Stool.



No. 194 Casement
Operator Concealed
Under Stool.

WOOD SASH INSTALLATIONS

INSTRUCTIONS FOR ORDERING

State Hand of Operators, the above illustration shows Left Hand Operators.

Give Width of Stool if handles longer than regular (for 6" Stool) are required.

When used with Steel Sash on an exceedingly narrow stool or where no stool occurs a Steel Base Plate can be supplied at a small extra charge. Special Anchor Pieces are furnished to suit various types of Steel Sash.

Furnished cadmium plated with wood screws unless ordered otherwise.

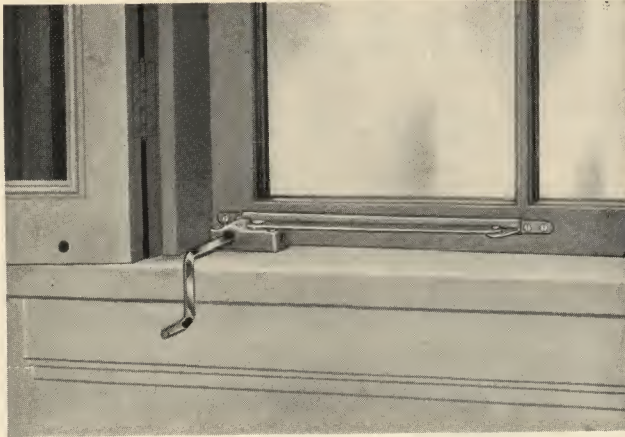
Packed 2 in Carton, Weight 27 $\frac{7}{8}$ lbs.

SEE PAGE 69 FOR HANDLES



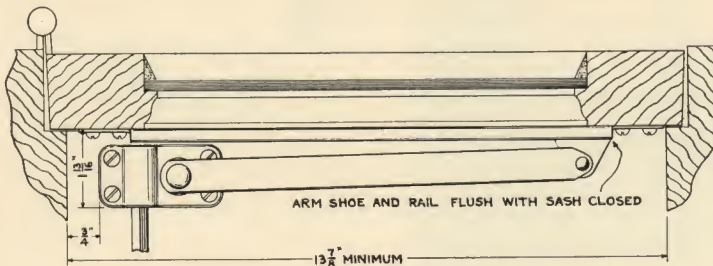
CASEMENT WINDOW OPERATOR No. 193

FOR HINGED WINDOW SWINGING OUT
(NON-HANDED)

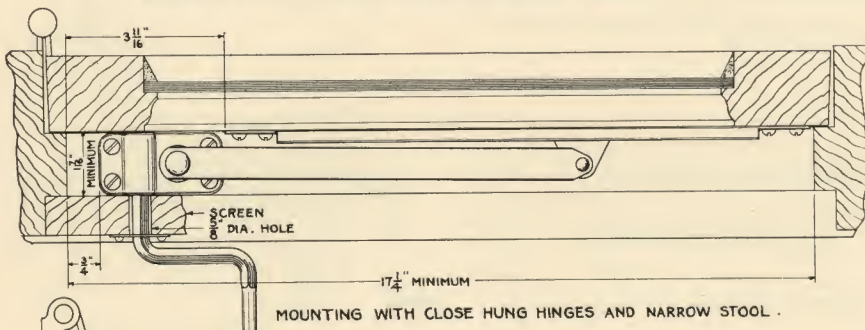


Now "RIXSON" offers a smaller, moderately priced NON-HANDED CASEMENT OPERATOR, substantial and rugged, embodying the usual "RIXSON" quality. An operator with an entirely ENCLOSED CASE which completely covers all gears, keeping dirt and grit from the working parts thereby reducing wear and insuring long life.

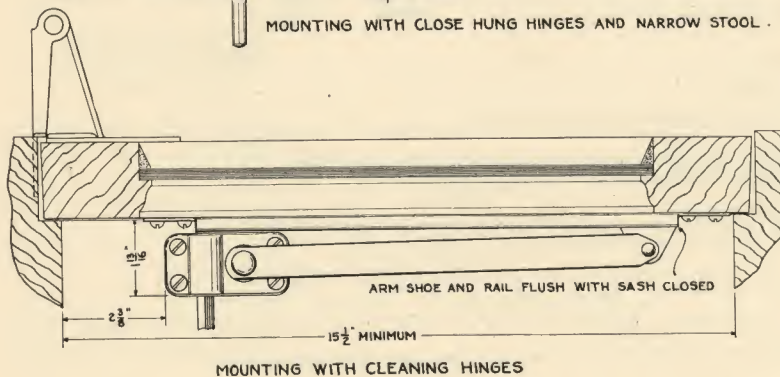
The operating mechanism is of the same tried and proven design as in our No. 94 Casement Operator. The Driving Screw is of Hard Bronze and the Gear is Steel with Machined Teeth. An efficient and readily accessible "Play" take-up is incorporated in the case. This is A FEATURE NOT CONTAINED IN ANY OTHER SIMILAR DEVICE that we know of, and is of great VALUE.



MOUNTING WITH CLOSE HUNG HINGES AND NARROW SASH.



MOUNTING WITH CLOSE HUNG HINGES AND NARROW STOOL.



MOUNTING WITH CLEANING HINGES

This device can be used in a space of $1\frac{7}{8}$ inch between the sash and screen; on top of the stool or underneath. Has the new "diamond" formed No. 5 handle which is supplied regularly for a 6 inch stool.

The sash rail is the same as furnished with the No. 194 Casement Operator.

Furnished only in Cadmium Finish with Steel plated Dull Brass No. 5 Crank Handle and screen plate.

Packed 6 in carton with handles.

Weight, per carton, $8\frac{3}{4}$ lbs.

SEE PAGE 69 FOR HANDLES



CASEMENT OPERATOR HANDLES

FOR USE WITH OPERATORS No. 94, No. 95, No. 193, No. 194

A handle for each operator is not essential, but when so ordered can be furnished made fast to the operator without additional charge.

Unless otherwise ordered, handles are furnished detachable and 5½ inches long from extreme end to inside of first bend, suitable for 6 inch stool.

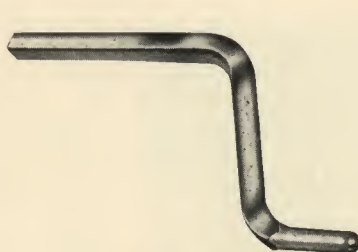
Handles suitable for stools up to 12 inches in width will be furnished at regular list prices; for stools wider than this there will be an additional charge. (See price list.)

Where extremely long handles are to be used, a guide to go on the inside edge of stool can be furnished (see Handle No. 9), galvanized or plated. This prevents the handle from chafing the edge of the stool.

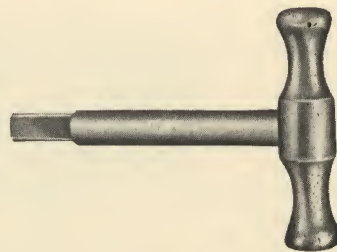
When operators are ordered for use beneath the stool Rosettes as shown below on No. 8 Handle will be furnished without additional charge. This Rosette trims the hole bored in the apron or screen for the operating handle.

Handle Extensions can also be furnished for Under Stool Installations.

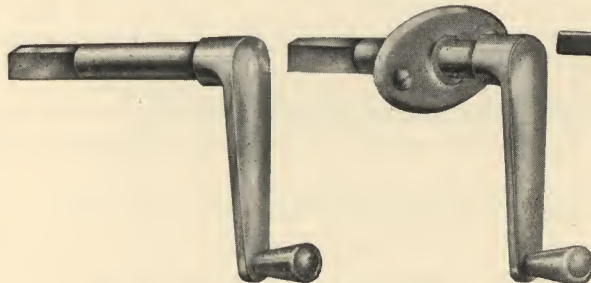
When ordering HANDLES be sure to state WIDTH OF STOOL.



Handle No. 5

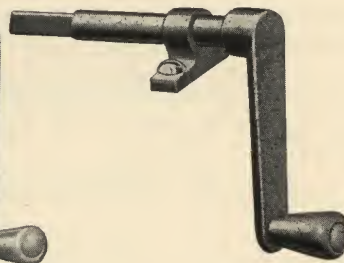


Handle No. 6



Handle No. 7

Handle No. 8



Handle No. 9

TYPES OF HANDLES

SUITABLE FOR CASEMENT OPERATORS NOS. 94, 95, 193, AND 194

HANDLE NO. 5—Dull brass plated steel crank handle is standard for all Operators unless otherwise ordered.

HANDLE NO. 6—This handle is for use where the crank type handle cannot operate conveniently. Made in steel only and plated.

HANDLE NO. 7—Cast brass crank handle for ordinary conditions where a better grade handle is desired.

HANDLE NO. 8—Same as No. 7 but equipped with attaching rose for fastening to apron where

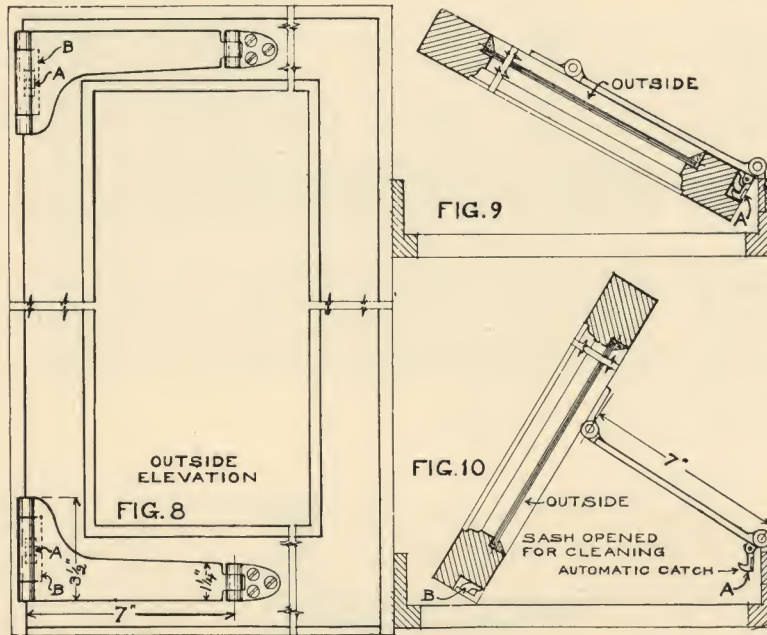
fixed handle is desired for operator installed beneath stool.

HANDLE NO. 9—Same as No. 7 but equipped with bracket to support outer end.

NOTE—In ordering handles always specify width of stool.

REVERSIBLE CASEMENT HINGE No. 90

FOR OUTSWINGING CASEMENTS



This Hinge overcomes the one objection to the otherwise popular Out-Swinging Casement Sash, in that it permits the sash to be swung around so that the outside of the glass can be cleaned from the inside; see Figs. 9 and 10.

SIMPLICITY OF OPERATION: Open the sash, pull out catches A-A and the sash can be swung around as shown in Fig. 10. Close the sash and catches A-A will lock automatically and stay locked.

In combination with this hinge an operator should be used which will enable a person to open or close the window without opening the Fly-Screen.

THE RIXSON CASEMENT OPERATOR No. 95, with special Sash Plate "X" as shown in Fig. 11, gives a practical combination. When the sash

is to be swung around for cleaning, the operator is detached from the sash by turning lever "Y."

If only a Casement Holder is wanted, our Holder No. 35 with special Anchor Piece "D" will prove satisfactory. The Holder is detached from the sash by lifting the flat rod over the stud "E."

For Hospital Windows, we especially recommend the combination shown in Fig. 11. The handle for the Operator is furnished attached or removable, as conditions may require. A mullion between a pair of sash permits either sash to be opened or closed independently of the other, which is not the case when the mullion is omitted and astragals on the sash are used.

This Hinge is never furnished in cast iron. This Hinge is not "Handed." One pair may be attached to either a right hand or left hand sash without any change. This Hinge is suitable for sash of ordinary weight up to 2'6"x6'10".

Packed one pair in carton. Weight, 3 lbs.

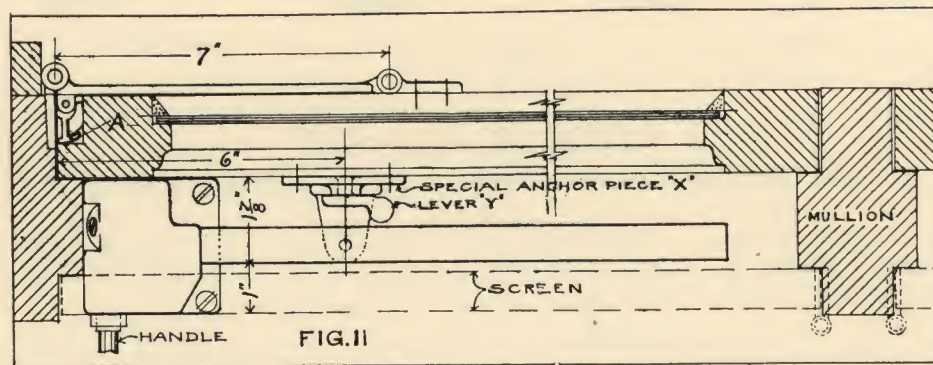


Fig. 11. Showing Casement Hinge No. 90 in combination with Casement Operator No. 95. Special anchor piece "X" must be used.



CASEMENT HOLDERS (TUBULAR)

BRASS AND BRONZE NOS. $34\frac{1}{2}$, 35, $35\frac{1}{2}$ AND $35\frac{3}{4}$

MORE THAN A HALF MILLION RIXSON Casement Holders in use today attest the reliability and popularity of this simple and sturdy device.

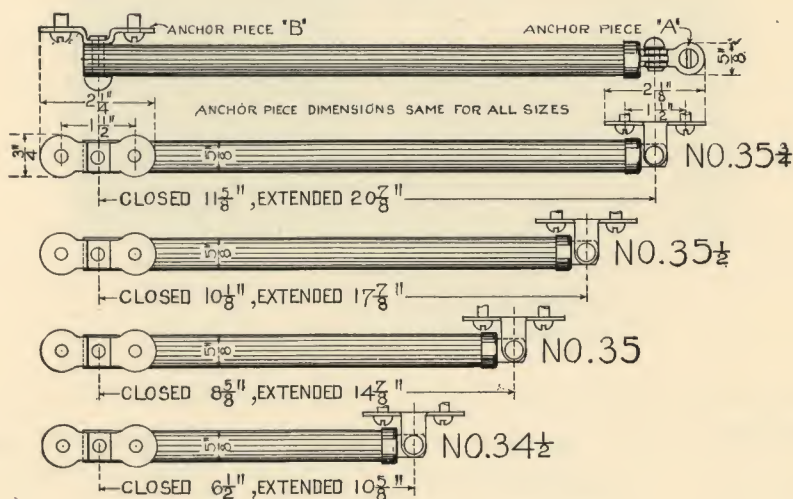
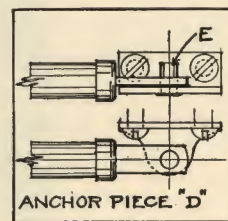
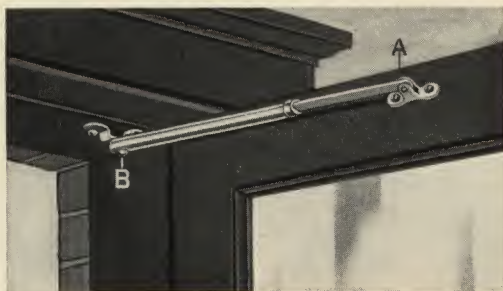
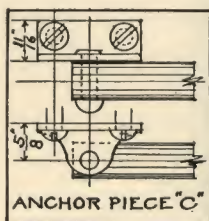
CASEMENTS—This Holder permits the window to open a little beyond right angle; about 100 degrees. It holds the sash at any point automatically.

FRICTION IS ADJUSTABLE so that the resistance required to hold the sash can be set to suit even very small and light sash.

TRANSOMS—For an inexpensive yet substantial means of holding transoms this device surpasses chains. It holds the transom at any point.

MADE IN BRASS, BRONZE, AND PLATED FINISHES, in **FOUR SIZES** to suit varying sash dimensions.

Anchor Pieces "A" and "B" furnished regularly but Anchors "C" or "D" supplied at no additional charge when required. Anchor "C" suitable for STEEL SASH and where the Holder is applied on the outside of sash. This anchor can also be supplied on the ROD end. Anchor "D" has the DISCONNECTING FEATURE for use with reversible casement hinges such as our No. 90 Casement Hinge shown on page 70.



All numbers packed 6 in carton. Weight, per carton:

No. $34\frac{1}{2}$ —3 lbs.
 No. 35 — $3\frac{3}{4}$ lbs.
 No. $35\frac{1}{2}$ — $4\frac{1}{4}$ lbs.
 No. $35\frac{3}{4}$ — $4\frac{1}{2}$ lbs.

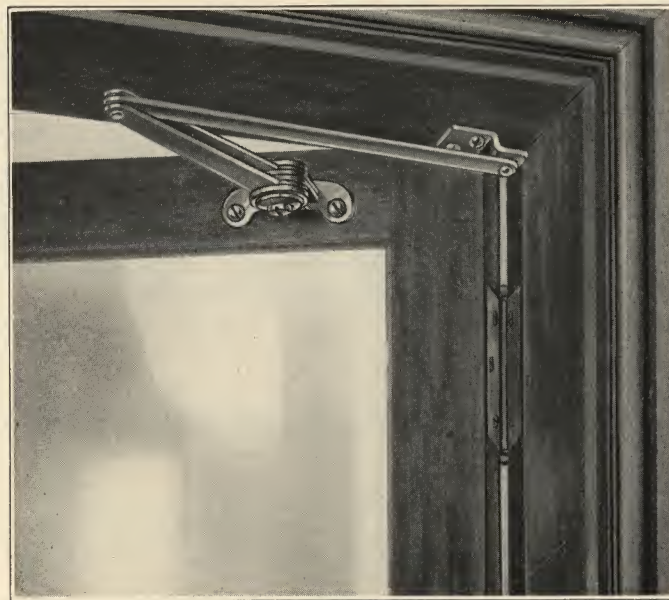
FRICION STAY No. 33, No. 33 $\frac{1}{4}$, AND No. 33 $\frac{1}{2}$

FOR DOORS, HINGED WINDOWS SWINGING IN OR OUT AND TRANSOMS; it permits the Door or Window to open back against the wall, 180 degrees, when trim so permits; and the friction resistance required beyond 90 degrees is not enough to cause annoyance in opening and closing.

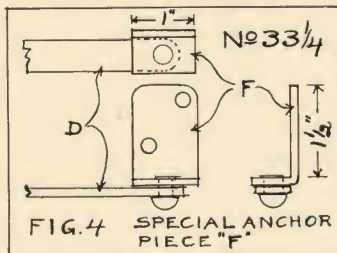
It is designed on the principle of a Multiple-Disc-Clutch, and has FOUR FRICTION SURFACES one inch in diameter. THE DESIRED FRICTION is had by adjusting the hexagon headed bolt and wear is taken up by a spring washer under the head of this bolt.

About two pounds pull at the outer edge of a door or window is all the friction needed, although much more friction is available if required.

Furnished in STEEL, CADMIUM, BLACK RUSTPROOF and PLATED FINISHES and in BRASS and BRONZE, dull or polished, and in PLATED FINISHES.



No. 33



No. 33 $\frac{1}{4}$ Friction Stay is identical to No. 33 except that it is supplied with Angle Anchor Piece "F" for application to side of Frame and where the regular Anchor will not answer. Anchor "F" also supplied with No. 33 $\frac{1}{2}$ Friction Stay for Transoms when so ordered, at no additional charge.

FRICTION STAY No. 33, No. 33 $\frac{1}{4}$, AND No. 33 $\frac{1}{2}$

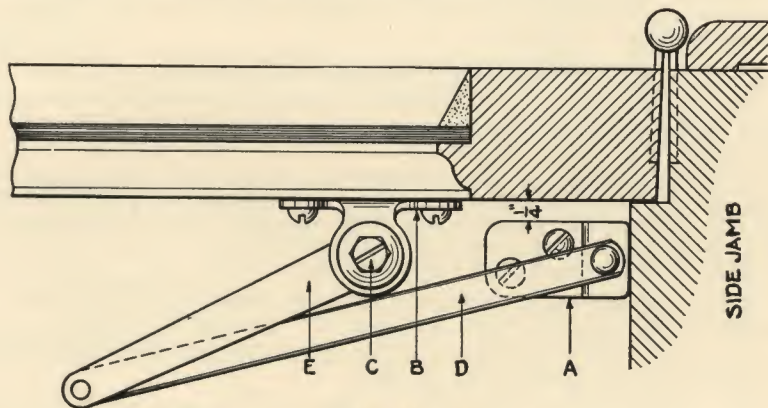
WHEN APPLIED TO TRANSOMS; see Figure 2, Friction Stay No. 33 $\frac{1}{2}$ should be used, as the pin "X" in the extended portion of arm "D" prevents the fixture from becoming locked in its open position. It can be used on Bottom, Center or Top hung sash, holding them open in any position, and eliminates rattling when closed. A catch is, of course, to be applied at the top of the sash.

For inexpensive work this stay serves as a good way of handling transoms and for wide outside transoms it is doubtful if a better way could be found at any price.

For transoms 4' 0" wide or over, two Friction Stays should be used.

The stay is not handed.

Packed 12 in carton. Weight per carton, 8 lbs.



No. 33

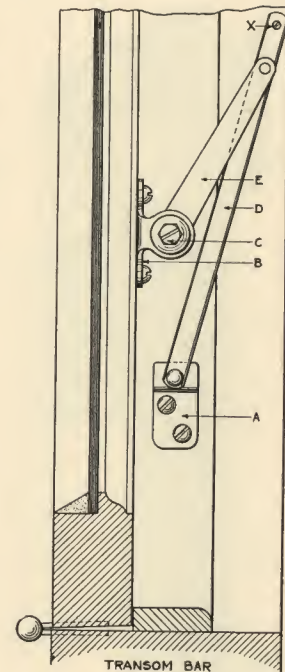
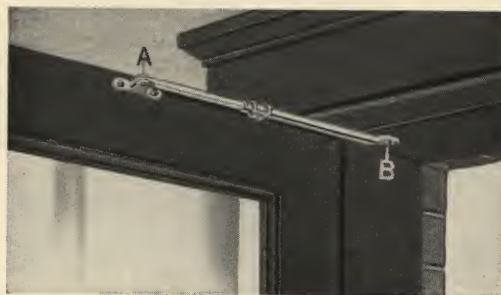


Fig. 2
No. 33 $\frac{1}{2}$

CASEMENT HOLDER No. 31



This Holder was especially designed for use in Houses and Bungalows of the inexpensive type.

It is made in cadmium plated steel only, the slide is brass-bushed, also the socket for the friction-adjusting screw, so there is no danger of any parts rusting together.

It permits the window to open a little beyond right angle; about 100 degrees. The Friction is adjustable.

For use on sash not over 2'0"x5'0".

This device requires a space of only $\frac{3}{4}$ -inch between sash and screen.

Packed 1 dozen in a carton with screws. Weight, 4 lbs.

CONCEALED TRANSOM OPERATOR No. 48

(HANDED)

For operating transoms over interior doors, such as corridor doors in Hotels, Hospitals, Office Buildings, etc.

THIS DEVICE IS NOT RECOMMENDED FOR OPERATING TRANSOMS IN EXTERIOR WALLS.

THE SIMPLICITY OF CONSTRUCTION is clearly shown in Fig. 9, and the efficiency of a screw-mechanism, such as that employed in this device, is so well understood that further description is unnecessary.

Made of COLD ROLLED STEEL with every bearing BRONZE BUSHED. All steel parts ELECTRO GALVANIZED. Operating handle CAST BRASS OR BRONZE.

Fig. 9 shows the ordinary bottom hung transom, but this operator is equally applicable to TOP OR CENTER PIVOTED TRANSOMS.

THE HANDLE CAN BE LOCATED in any position on the casing by blocking out the jamb at screw E-E, lower end of operator. The upper end must not be blocked out.

Bending Plate F and Rod C does not interfere with the proper working of the device as the Rod C is made of double strips to permit bending without causing friction.

INSTRUCTIONS FOR DETAILING

For transoms hinged at the bottom, round the lower edge of the transom as shown in Fig. 6 or detail the transom bar as shown in Fig. 7. The same instructions apply to transoms hung at top.

Center pivoted transoms are usually desired rabbeted; Fig. 8 indicates how rabbet should be formed and the offset arm required. OFFSET SASH ARM must also be used on bottom or top hung transoms when the sash sets back an inch or more from the edge of the jamb, or where the construction is such that arm shown in Fig. 9 cannot be screwed in place.

Bottom or top hung transoms should not exceed 2' 0" in height. Center pivoted transoms should not be less than 3' 0" in height.

THE JAMB ON WHICH THE OPERATOR IS FASTENED SHOULD BE SET $1\frac{1}{4}$ " FROM THE BUCK.

When transoms occur on corridor side and open out but are operated from room side of door the mechanism must be reversed at factory. State "Reversed Mechanism" when so ordering. The Left Hand Operator shown in Fig. 9 would then be "Left Hand Reversed Mechanism" if handle is located on the other side of wall.

INSTRUCTIONS FOR ORDERING

A right hand door takes a right hand operator when the fixture is placed on the lock side of the door. Fig. 9 shows a left hand operator.

THE LENGTH OF THE OPERATOR is governed by the height of door. In the case of transoms PIVOTED IN THE CENTER OR AT THE TOP the height of the sash and thickness of the transom bar must also be taken into account.

For doors 7' 0" high with bottom pivoted transoms we carry in STOCK OPERATORS 2 FEET 3 INCHES LONG FROM CENTER OF PIVOT TO CENTER OF HANDLE. This brings the handle about 5' 0" from the floor, which has been found the best location, as torn clothes have resulted from handles placed lower. No extra charge for operators up to 3' 6" long.

STATE HAND WANTED.

GIVE HEIGHT OF DOOR.

GIVE HEIGHT OF TRANSOM.

GIVE THICKNESS OF DOOR JAMB.

STATE IF TRANSOM IS TO BE HUNG AT BOTTOM, CENTER OR TOP.

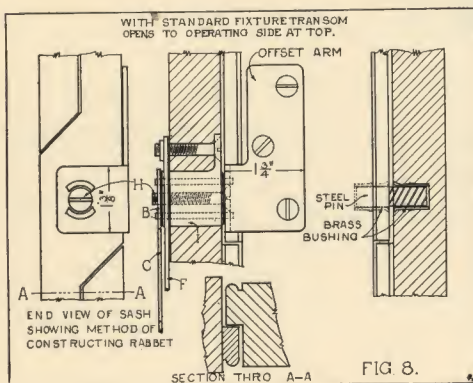
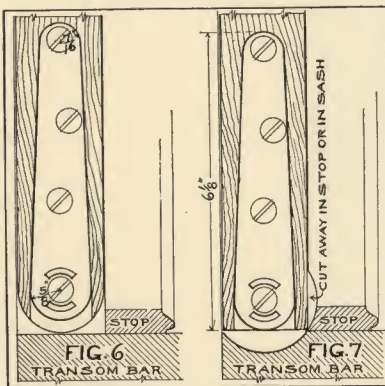
GIVE THICKNESS OF TRANSOM BAR.

GIVE FINISH WANTED ON HANDLE. NO HINGES NEEDED.

Weight, Standard Length, 6 lbs.



Fig. 9



Bronze Bearing Sleeve

- Face of jamb
- Thickness of finished jamb maximum 1 7/8 minimum 1 6 when using Standard Bronze Bearing Sleeve
- Standard Off End Pivot
- Drilled and C'sunk. for 1/2 x #12 flat head wood screws or #12-24 flat head mach. screws.
- Drilled for #6 wood or #4 x #6-32 mach. screw
- END PIVOT WHERE TRANSM SET BACK FROM EDGE OF JAMB.

Standard Off End Pivot

- Minimum height of opening 2'-0 3/4" Standard
- 2'-3" Standard
- 4 1/4"
- 2'-6 1/8" Minimum height of opening for Standard Operator
- Drilled and C'sunk. for 1/2 x #10 oval head wood screws or #10-Z4 oval head mach. screws.
- Dia. hole for handle
- Minimum depth of opening
- (See Note)

BLUE PRINT TEMPLATES FURNISHED ON REQUEST

CONCEALED TRANSOM OPERATOR No. 50

(HANDED)

DESIGNED PARTICULARLY FOR USE IN METAL PARTITIONS where space is limited and action must be positive. Mechanically correct and of the usual high standard of Rixson quality, this device is recommended for the most exacting specification and will render the utmost in satisfaction.

A very efficient screw and sector mechanism supplies ample power to operate practical center hung transoms. This operator will fit in a space 2" deep and $1\frac{3}{8}$ " wide and requires only TWO AND ONE-HALF TURNS of the handle to open the transom to a maximum of 60 degrees.

Made of Cold Rolled Steel; Bearings Bronze Bushed; Steel Parts Electro Galvanized; Operating Handle Cast Brass or Bronze.

This device is recommended for Center Pivoted Sash of moderate size and for Light Top or Bottom Hung Sash not to exceed 14" in height.

OWING TO THE VARYING SHAPES OR METAL FRAMES UPPER AND LOWER BRACKETS MUST BE FURNISHED TO FIT PARTICULAR SHAPES. SUBMIT DETAILS.

INSTRUCTIONS FOR ORDERING

A right hand door takes a right hand operator when the fixture is placed on the lock side of the door. Fig. 1 shows a right hand operator.

When transoms occur on corridor side and open out but are operated from room side of door the mechanism must be reversed at factory. State "Reversed Mechanism" when so ordering. The Right Hand Operator shown in Fig. 1 would then be "Left Hand Reversed Mechanism" if handle is located on opposite side of partition.

The LENGTH OF THE OPERATOR is governed by the height, the thickness of the transom bar and in the case of center and top pivoted transoms the height of the sash must also be considered.

For doors 7' 0" high with center pivoted transoms we carry in STOCK OPERATORS 3 FEET LONG FROM CENTER OF PIVOT TO CENTER OF HANDLE. (See Detail.) This brings the handle about 5' 0" from the floor, which has been found the best location, as torn clothes have resulted from handles placed lower.

STATE HAND WANTED.

GIVE HEIGHT OF DOOR.

GIVE HEIGHT OF TRANSOM.

GIVE THICKNESS OF DOOR JAMB.

STATE IF TRANSOM IS TO BE HUNG AT BOTTOM, CENTER OR TOP.

GIVE THICKNESS OF TRANSOM BAR.

GIVE FINISH WANTED ON HANDLE. NO HINGES NEEDED.

NO EXTRA CHARGE FOR OPERATORS UP TO 3' 6" LONG.

Weight, Standard Length, 4 lbs.

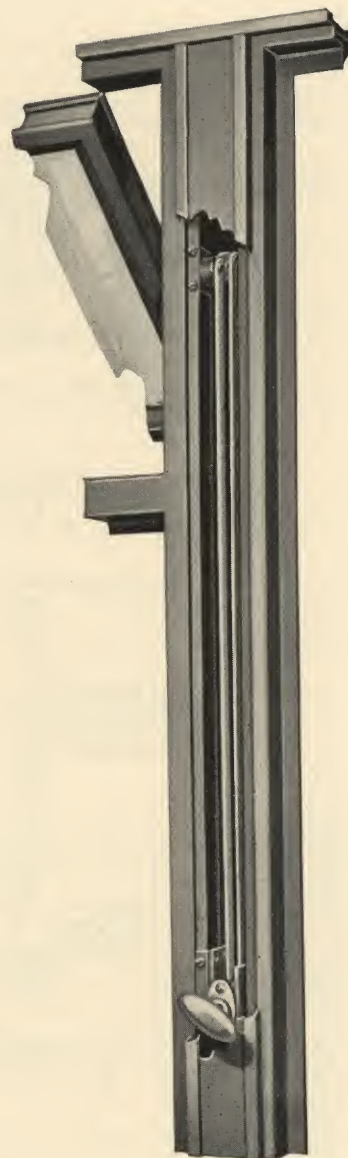
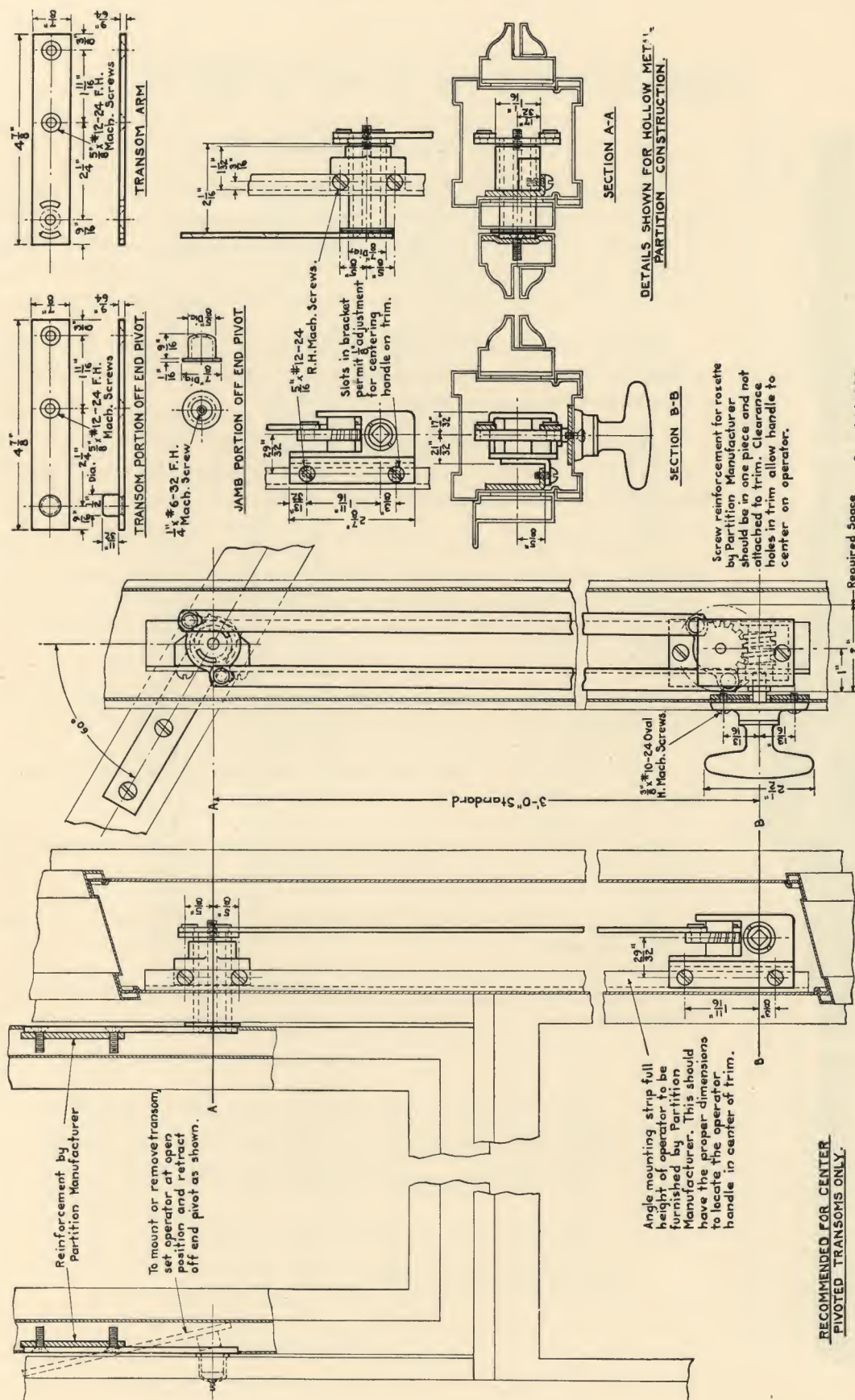


Fig. 1

CONCEALED TRANSOM OPERATOR No. 50



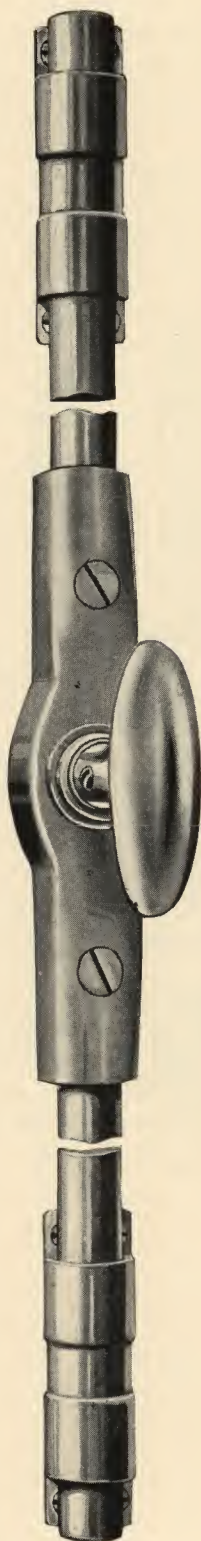
**RECOMMENDED FOR CENTER
PIVOTED TRANSOMS ONLY.**

Required Space

Copyright 1930

BLUE PRINT TEMPLATES FURNISHED ON REQUEST

CREMORNE BOLTS No. 45, No. 46 AND No. 47



IN APPEARANCE AND FOR SECURITY RIXSON CREMORNE BOLTS No. 45, 46, and 47 are exceptional. They may be plated in the finest of finishes or painted to match the woodwork and the finish will not be marred due to the patented feature in the bolt guides. This feature is not contained in any other bolt. The linking mechanism is positive and affords complete security.

WHEN BOLTS ARE CUT TO SPECIAL LENGTH at the Factory the measure is taken when bolts are thrown, as when the sash is closed. The bolt will measure $1\frac{1}{4}$ -inch less when it is drawn.

STOCK LENGTH OF BOLTS. Measure taken when bolts are extended. No. 45, 5' 8" long. No. 46 and No. 47 are 8' 0" long; an extra charge is made for every 6 inches of additional length or fraction thereof.

THE HANDLE IS LOCATED in the center of the standard length bolt and bolts shorter than standard. Where bolts longer than standard are wanted the additional length is added to the top bar unless otherwise ordered. No. 46 and No. 47 bolts over 8' 2" and No. 45 over 7' should have two guides for the top bar.

When Handles as shown in Fig. 3 are ordered, the bolt will be provided with a locking latch unless otherwise ordered.

THE ACTION OF THE HANDLE is reversed by simply turning over the operating mechanism.

IN ORDERING state what strikes are wanted. Two No. 4 strikes and one No. 1 strike are packed regularly, unless definite order is given.

BRASS OR BRONZE Knob Handles or Lever Handles are furnished at the same price.

FURNISHED IN STEEL, BRASS AND BRONZE AND IN PLATED FINISHES.

No. 45 Bolt is made of $\frac{1}{2}$ " x $\frac{1}{4}$ " Half Round Rod.

No. 46 Bolt is made of $\frac{5}{8}$ " x $\frac{5}{16}$ " Half Round Rod.

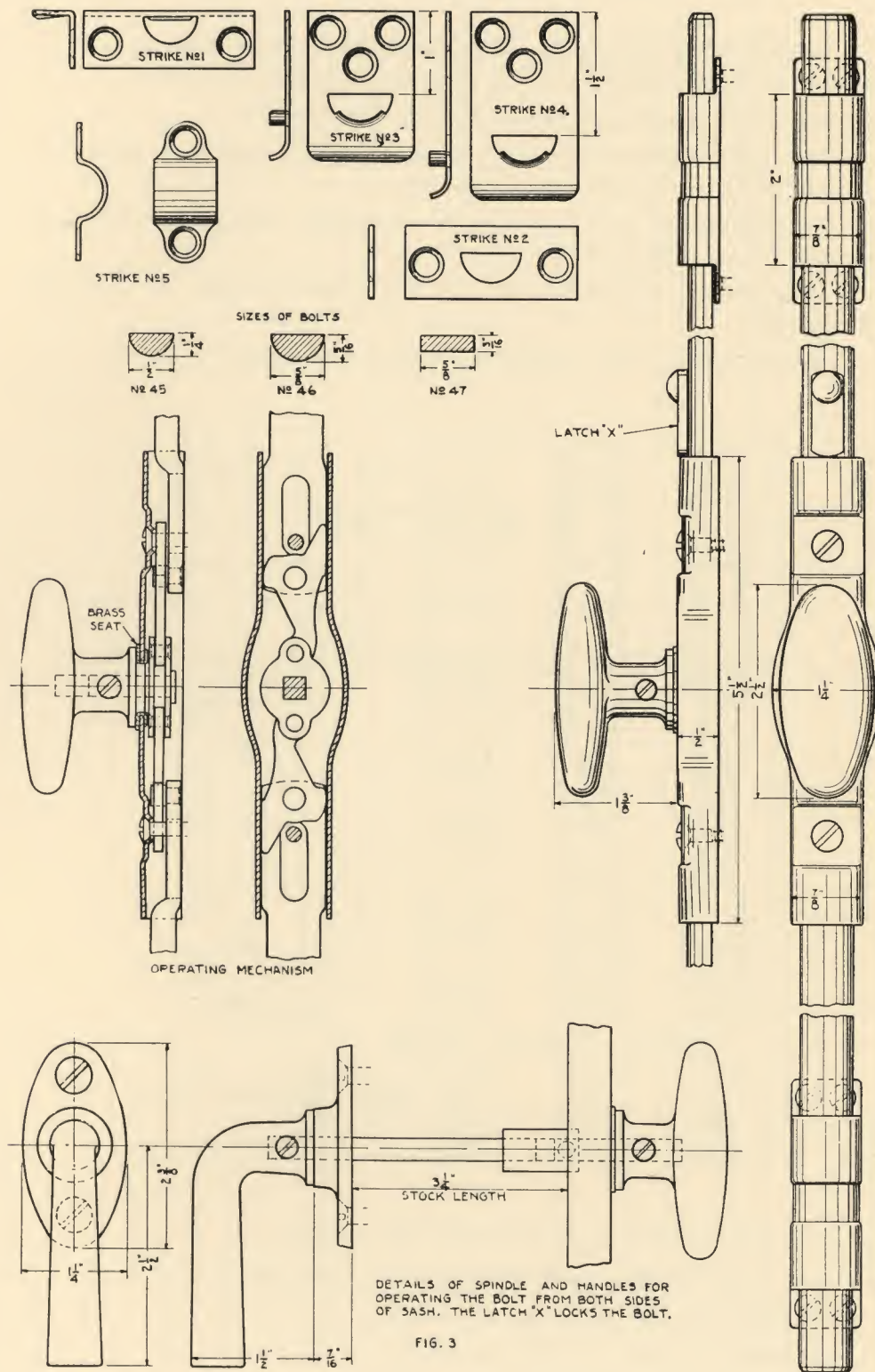
No. 47 Bolt is made of $\frac{5}{8}$ " x $\frac{3}{16}$ " Flat Rod.

Weight Stock Lengths. No. 45, 3 lbs.

No. 46, 5 lbs.

No. 47, $4\frac{1}{2}$ lbs.

CREMORNE BOLTS No. 45, No. 46 AND No. 47



SURFACE BOLTS No. 45 $\frac{1}{4}$, No. 46 $\frac{1}{4}$, AND No. 47 $\frac{1}{4}$

THESE BOLTS have the same guides as our Cremorne Bolts and may be painted or stained without showing scratches or unpainted portions.

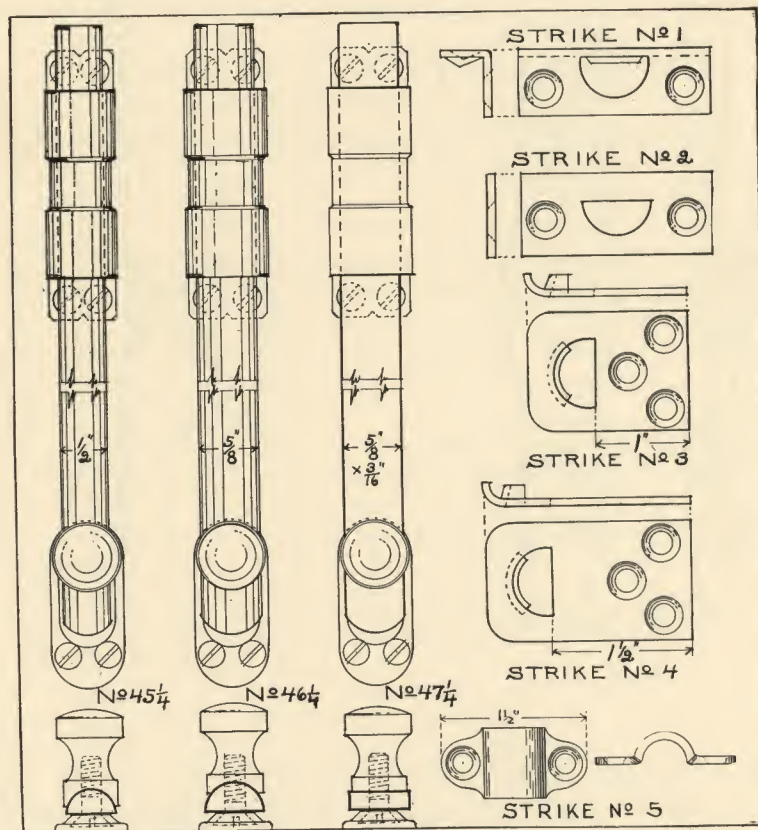
Steel Bolts are always furnished with Brass Knobs.

WE RECOMMEND that the galvanized bolt be used and painted or stained at the job to match the woodwork.

IN ORDERING state what strikes are wanted. Strike No. 4 will be furnished if no definite order is given.

FURNISHED IN STEEL, BRASS AND BRONZE AND IN PLATED FINISHES.

STOCK SIZES, ALL NUMBERS, 6 Inches, 12 Inches, 18 Inches.



No. 45 $\frac{1}{4}$ Packed 1 dozen in a carton with screws.

Nos. 46 $\frac{1}{4}$ and 47 $\frac{1}{4}$ packed 10 only in a carton with screws.

Weight, No. 45 $\frac{1}{4}$, 6", 5 lbs. per carton.

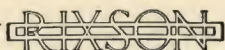
Weight, No. 46 $\frac{1}{4}$, 6", 6 lbs. per carton.

Weight, No. 47 $\frac{1}{4}$, 6", 6 lbs. per carton.



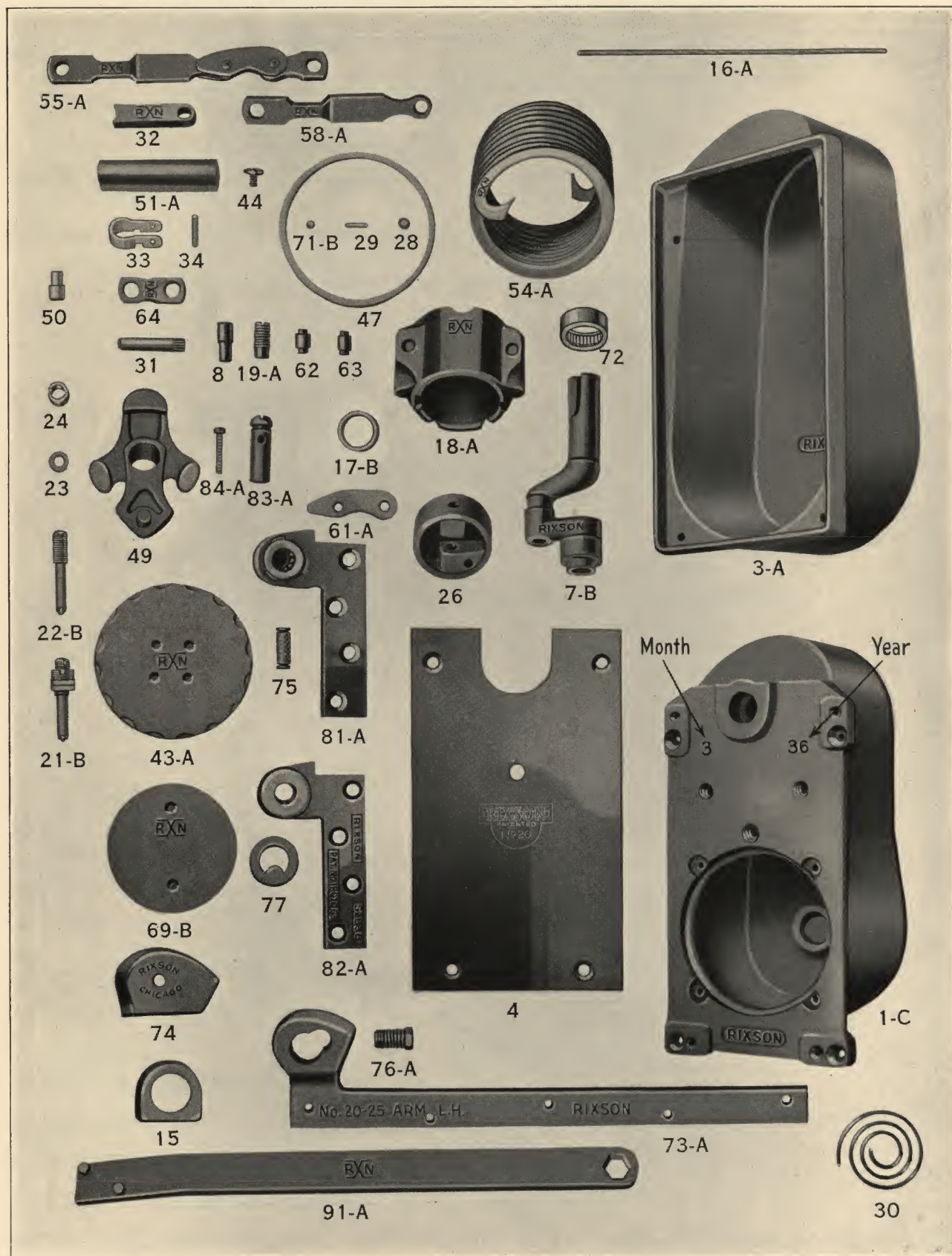
SECTION C

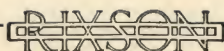
FLOOR CHECK AND OVERHEAD DOOR CHECK PARTS



LIST OF PARTS FOR SINGLE ACTING FLOOR CHECKS No. 18, No. 20, and No. 25

See illustration of check case, part No. 1C, for location of month and year when manufactured.
Always give catalog number, manufactured date, and hand of check when ordering parts.





LIST OF PARTS FOR SINGLE ACTING FLOOR CHECKS No. 18, No. 20, and No. 25

See illustration of check case, part No. 1C, for location of month and year when manufactured.
Always give catalog number, manufactured date, and hand of check when ordering parts.

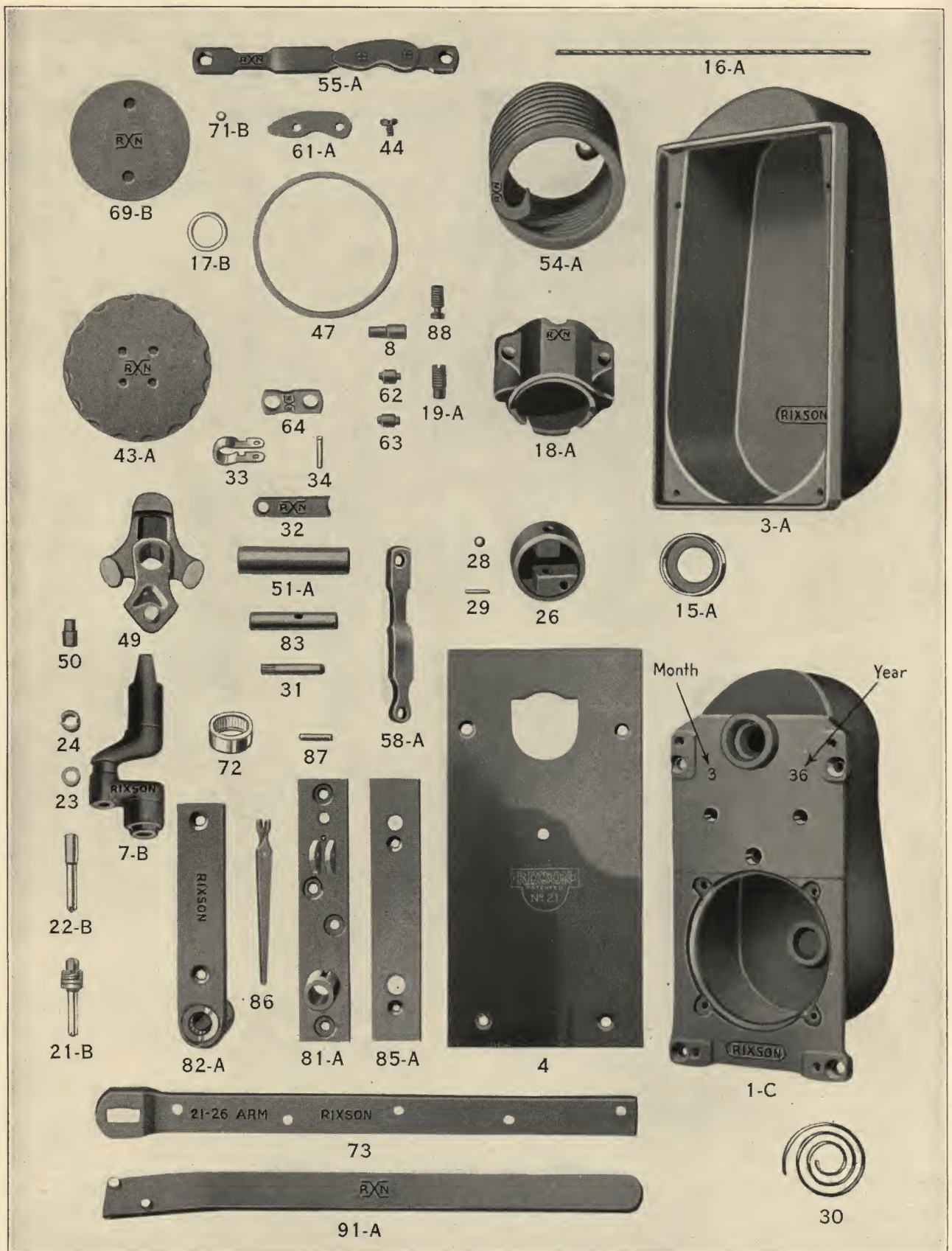
Name of Part	No. 20 CHECK			No. 25 CHECK			No. 18 CHECK	
	Dated 3-36 and after	Dated 2-29 to 2-36 incl.	Dated 1-29 and before	Dated 3-36 and after	Dated 7-29 to 2-36 incl.	Dated 6-29 and before	1A-18 12-32 & after	1-18 11-32 & before
Check case	1C-20	1B-20 1A-20 12-32 2-29 to to 2-36 11-32	1-20	1C-25	1B-25 1A-25 12-32 7-29 to to 2-36 11-32	1-25		
Check case cover	See spring adjuster	See spring adjuster	2-20	Sed spring adjuster	See spring adjuster	2-25	See spring adjuster	
Cement case	3A-20	3A-20	3-20	3A-25	3A-25	3-25	3-18	
Floor plate	4-20	4-20	4-20	4-25	4-25	4-25	4-18	
Spindle (handed)	7B-20	7A-20	7-20	7B-25	7A-25	7-25	7-18	
Spindle spring pin	8-20	8-20	8-20	8-25	8-25	8-25	8-18	
Spindle ball retaining pin							9-18	
Spindle shoulder collar	15-20	15-20	15-20	15-25	15-25	15-25	15-18	
Spindle packing	16A-20	16-20	16-20	16A-25	16-25	16-25	16-18	
Spindle packing steel washer	17B-20	17A-20 12-32 to 2-36	17-20 11-32 & before	17B-25	17A-25 12-32 to 2-36	17-25 11-32 & before	17A-18 12-32 & after	17-18 11-32 & before
Cylinder	18A-20	18A-20 10-30 & after	18-20 9-30 & before	18A-25	18A-25 10-30 & after	18-25 9-30 & before	18-18	
Cylinder locking screw (2 required)	19A-20	19A-20	19-20	19A-25	19A-25	19-25	19-18	
Valve adjusting screw, packing washer, nut assembly. Add "T" if for threshold	21B-20 10-30 & after	21A-20 2-29 to 9-30	21-20	21B-25 10-30 & after	21A-25 7-29 to 9-30	21-25	21-18	
Valve adjusting screw	22B-20 10-30 & after	22A-20 2-29 to 9-30	22-20	22B-25 10-30 & after	22A-25 7-29 to 9-30	22-25	22-18	
Valve adj. screw for Rixson Threshold	22B-20-T			22B-25-T			22-18-T	
Valve packing washer (2 required)	23	23	23	23	23	23	23	
Valve nut	24-20	24-20	24-20	24-25	24-25	24-25	24-18	
Plunger and ball assembled	26-20	26-20	26-20	26-25	26-25	26-25	26-18	
Plunger	27-20	27-20	27-20	27-25	27-25	27-25	27-18	
Plunger ball	28-20	28-20	28-20	28-25	28-25	28-25	28-18	
Plunger ball retainer	29-20	29-20	29-20	29-25	29-25	29-25	29-18	
Plunger spring	30-20	30-20	30-20	30-25	30-25	30-25	30-18	
Plunger connecting pin	31-20	31-20	31-20	31-25	31-25	31-25	31-18	
Plunger link	32-20	32-20	32-20	32-25	32-25	32-25	32-18	
Plunger link strap	33	33	33	33	33	33	33	
Plunger link strap rivet	34	34	34	34	34	34	34	
Spring adjuster	43A-20	43A-20	43-20 handed	43A-25	43A-25	43-25 handed	43A-18 8-29 & after	43-18 7-29 & before
Spring adjuster screws	44-20 4 required	44-20 4 required		44-25 5 required	44-25 5 required		44-18 4 required	
Spring adjuster locking bar			45-20			45-25		
Spring adjuster cork gasket			46-20			46-25		
Spring adjuster paper washer	47-20	47-20		47-25	47-25		47-18	
Spring carrier—upper			48-20 handed			48-25 handed	48-18	
Spring carrier—lower	49-20	49-20	49-20	49-25	49-25	49-25	49-18	
Spring carrier rivet	50-20	50-20	50-20	50-25	50-25	50-25	50-18	
Spring post	51A-20	51A-20	51-20	51A-25	51A-25	51-25	51-18	
Spring post spring			53			53		
Spring (handed) Right hand shown	54A-20	54A-20	54-20	54A-25	54A-25	54-25	54-18	
Spring link assembly (handed)	55A-20	55A-20	55-20	55A-25	55A-25	55-25	55-18	
Spring link	58A-20	58A-20	58-20	58A-25	58A-25	58-25	58-18	
Spring link side plate (handed-pair required)	61A-20	61A-20	61-20	61A-25	61A-25	61-25	61-18	
Spring link large rivet	62-20	62-20	62-20	62-25	62-25	62-25	62-18	
Spring link small rivet	63-20	63-20	63-20	63-25	63-25	63-25	63-18	
Section link	64-20	64-20	64-20	64-25	64-25	64-25	64-18	
Lower spindle bearing nut	69B-20	69A-20 5-30 to 2-36	69-20 4-30 & before	69B-25	69A-25 5-30 to 2-36	69-25 4-30 & before	69-18	
Lower spindle bearing ball race		70-20	70-20		70-25	70-25		
Lower spindle bearing balls	71B-20 10 required	71A-20 5-30 to 2-36 12 required	71-20 4-30 & before 10 required	71B-25 10 required	71A-25 5-30 to 2-36 12 required	71-25 4-30 & before 10 required	71-18 7 required	
Upper spindle roller bearing	72-20			72-25				
Arm (handed)	73A-20	73A-20 2-28 & after	73-20 1-28 & before	73A-25	73A-25 2-28 & after	73-25 1-28 & before	73-18	
Arm cap (handed)	74-20	74-20	74-20	74-25	74-25	74-25	74-18	
Arm key pin	75	75	75	75	75	75	75	
Arm locking screw	76A	76A 2-28 & after	76 1-28 & before	76A	76A 2-28 & after	76 1-28 & before	76A	
Arm bearing washer	77-20	77-20	77-20	77-25	77-25	77-25	77-18	
Top pivot—Jamb portion (handed)	81A-20	81A-20 7-29 & after	81-20 6-29 & before	81A-25	81A-25 7-29 & after	81-25 6-29 & before	81-18	
Top pivot—Door portion (handed)	82A-20	82A-20 7-29 & after	82-20 6-29 & before	82A-25	82A-25 7-29 & after	82-25 6-29 & before	82-18	
Top pivot pin	83A-20	83A-20 7-29 & after	83-20 6-29 & before	83A-25	83A-25 7-29 & after	83-25 6-29 & before	83-18	
Top pivot pin screw	84A-20	84A-20 7-29 & after	84-20 6-29 & before	84A-25	84A-25 7-29 & after	84-25 6-29 & before	84-18	
Adjusting wrench	91A-20	91A-20	91-20	91A-25	91A-25	91-25	91-18	
Checking liquid (liquid measure)	25½ oz.	25½ oz.	33½ oz.	33½ oz.	33½ oz.	52 oz.	14½ oz.	



LIST OF PARTS FOR SINGLE ACTING FLOOR CHECKS No. 18½, No. 21, No. 26

See illustration of check case, part No. 1C, for location of month and year when manufactured.

Always give catalog number, manufactured date, and hand of check when ordering parts.





LIST OF PARTS FOR SINGLE ACTING FLOOR CHECKS No. 18½, No. 21, No. 26

See illustration of check case, part No. 1C, for location of month and year when manufactured.

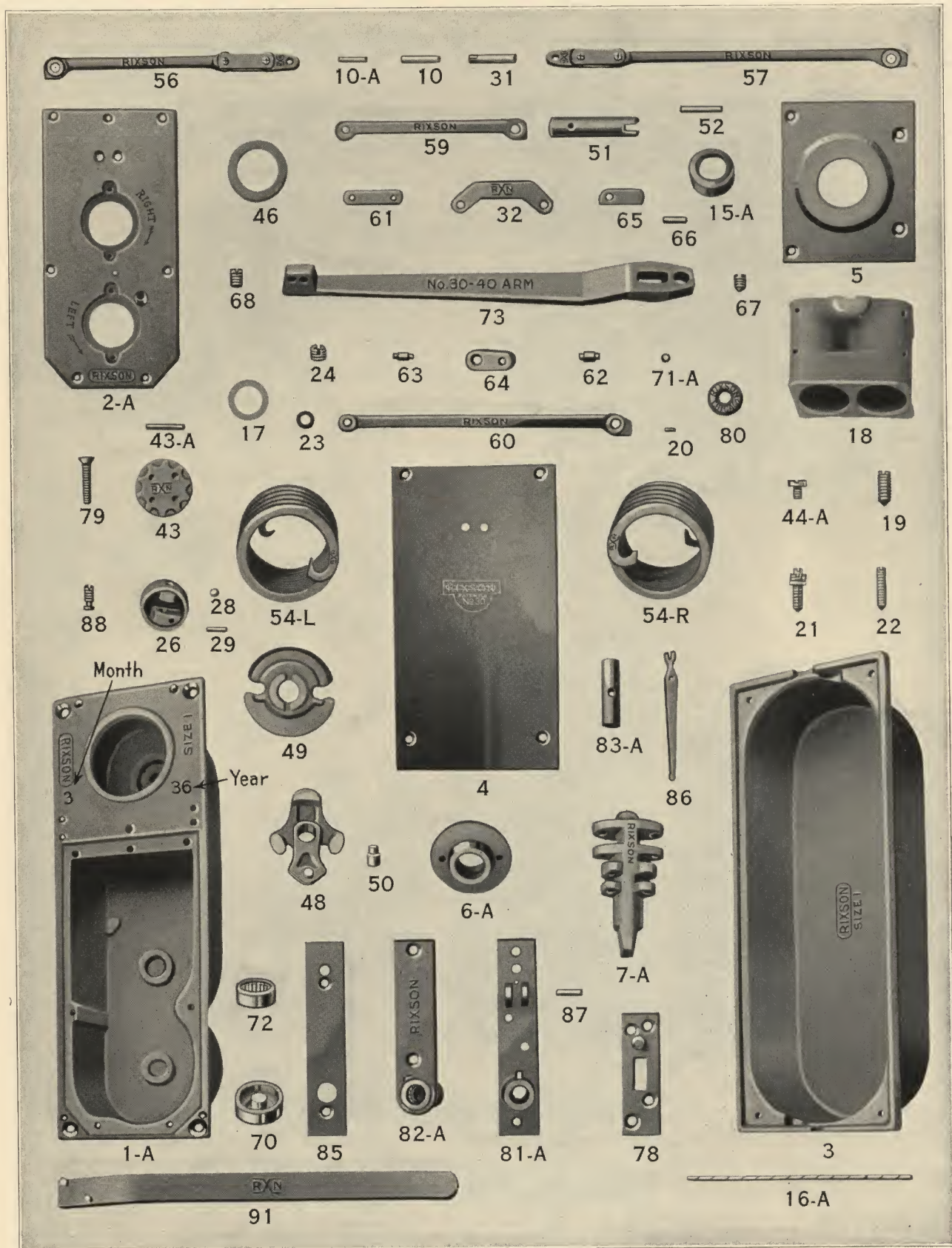
Always give catalog number, manufactured date, and hand of check when ordering parts.

Name of Part	No. 21 CHECK			No. 26 CHECK			No. 18½ CHECK
	Dated 3-36 and after	Dated 2-29 to 2-36 incl.	Dated 1-29 and before	Dated 3-36 and after	Dated 7-29 to 2-36 incl.	Dated 6-29 and before	
Check case	1C-21	1B-21 1A-21 12-32 2-29 to to 2-36 11-32	1-21	1C-26	1B-26 1A-26 12-32 7-29 to to 2-36 11-32	1-26	1A-18½ 1-18½ 12-32 & after 11-32 & before
Check case cover	See spring adjuster	See spring adjuster	2-21	See spring adjuster	See spring adjuster	2-26	See spring adjuster
Cement case	3A-21	3A-21	3-21	3A-26	3A-26	3-26	3-18½
Floor plate	4-21	4-21	4-21	4-26	4-26	4-26	4-18½
Spindle	7B-21	7A-21	7-21	7B-26	7A-26	7-26	7-18½
Spindle spring pin	8-21	8-21	8-21	8-26	8-26	8-26	8-18½
Spindle ball retaining pin							9-18½
Spindle shoulder collar	15A-21	15A-21 15-21 7-32 & 6-32 & after before	15-21	15A-26	15A-26 15-26 7-32 & 6-32 & after before	15-26	15A-18½ 15-18½ 7-32 & after 6-32 & before
Spindle packing	16A-21	16-21	16-21	16A-26	16-26	16-26	16-18½
Spindle packing steel washer	17B-21	17A-21 12-32 to 2-36	17-21 11-32 & before	17B-26	17A-26 12-32 to 2-36	17-26 11-32 & before	17A-18½ 17-18½ 12-32 to 2-36 11-32 & before
Cylinder	18A-21	18A-21 10-30 & after	18-21 9-30 & before	18A-26	18A-26 10-30 & after	18-26 9-30 & before	18-18½
Cylinder locking screw (2 required)	19A-21	19A-21	19-21	19A-26	19A-26	19-26	19-18½
Valve adjusting screw, packing washer, nut assembly. Add "T" if for threshold	21B-21 10-30 & after	21A-21 2-29 to 9-30	21-21	21B-26 10-30 & after	21A-26 7-29 to 9-30	21-26	21-18½
Valve adjusting screw	22B-21 10-30 & after	22A-21 2-29 to 9-30	22-21	22B-26 10-30 & after	22A-26 7-29 to 9-30	22-26	22-18½
Valve adj. screw for Rixson threshold	22B-21-T			22B-26-T			22-18½-T
Valve packing washer (2 required)	23	23	23	23	23	23	23
Valve nut	24-21	24-21	24-21	24-26	24-26	24-26	24-18½
Plunger and ball assembled	26-21	26-21	26-21	26-26	26-26	26-26	26-18½
Plunger	27-21	27-21	27-21	27-26	27-26	27-26	27-18½
Plunger ball	28-21	28-21	28-21	28-26	28-26	28-26	28-18½
Plunger ball retainer	29-21	29-21	29-21	29-26	29-26	29-26	29-18½
Plunger spring	30-21	30-21	30-21	30-26	30-26	30-26	30-18½
Plunger connecting pin	31-21	31-21	31-21	31-26	31-26	31-26	31-18½
Plunger link	32-21	32-21	32-21	32-26	32-26	32-26	32-18½
Plunger link strap	33	33	33	33	33	33	33
Plunger link strap rivet	34	34	34	34	34	34	34
Spring adjuster	43A-21	43A-21	43-21 handed	43A-26	43A-26	43-26 handed	43A-18½ 43-18½ 8-29 & after 7-29 & before
Spring adjuster screws	44-21 4 required	44-21 4 required		44-26 5 required	44-26 5 required		44-18½ 4 required
Spring adjuster locking bar			45-21			45-26	
Spring adjuster cork gasket			46-21			46-26	
Spring adjuster paper washer	47-21	47-21		47-26	47-26		47-18½
Spring carrier (upper)			48-21 handed			48-26 handed	48-18½
Spring carrier (lower)	49-21	49-21	49-21	49-26	49-26	49-26	49-18½
Spring carrier rivet	50-21	50-21	50-21	50-26	50-26	50-26	50-18½
Spring post	51A-21	51A-21	51-21	51A-26	51A-26	51-26	51-18½
Spring post spring			53			53	
Spring (handed) right hand shown	54A-21	54A-21	54-21	54A-26	54A-26	54-26	54-18½
Spring link assembly (handed)	55A-21	55A-21	55-21	55A-26	55A-26	55-26	55-18½
Spring link	58A-21	58A-21	58-21	58A-26	58A-26	58-26	58-18½
Spring link side plate (handed-pair required)	61A-21	61A-21	61-21	61A-26	61A-26	61-26	61-18½
Spring link large rivet	62-21	62-21	62-21	62-26	62-26	62-26	62-18½
Spring link small rivet	63-21	63-21	63-21	63-26	63-26	63-26	63-18½
Section link	64-21	64-21	64-21	64-26	64-26	64-26	64-18½
Lower spindle bearing nut	69B-21	69A-21 5-30 to 2-36	69-21 4-30 & before	69B-26	69A-26 5-30 to 2-36	69-26 4-30 & before	69-18½
Lower spindle bearing ball race		70-21	70-21		70-26	70-26	
Lower spindle bearing balls	71B-21 10 required	71A-21 5-30 to 2-36 12 required	71-21 4-30 & before 10 required	71B-26 10 required	71A-26 5-30 to 2-36 12 required	71-26 4-30 & before 10 required	71-18½ 7 required
Upper spindle roller bearing	72-21			72-26			
Arm	73-21	73-21	73-21	73-26	73-26	73-26	73-18½
Top pivot jamb portion	81A-21	81A-21 9-30 & after	81-21 8-30 & before	81A-26	81A-26 9-30 & after	81-26 8-30 & before	81-18½
Top pivot door portion	82A-21	82A-21 9-30 & after	82-21 8-30 & before	82A-26	82A-26 9-30 & after	82-26 8-30 & before	82-18½
Top pivot pin	83-21	83-21	83-21	83-26	83-26	83-26	83-18½
Top pivot finish plate	85A-21	85A-21 9-30 & after	85-21 8-30 & before	85A-26	85A-26 9-30 & after	85-26 8-30 & before	85-18½
Top pivot fork	86-21	86-21	86-21	86-26	86-26	86-26	86-18½
Top pivot fork rivet	87-21	87-21	87-21	87-26	87-26	87-26	87-18½
Top pivot retracting screw	88-21	88-21	88-21	88-26	88-26	88-26	88-18½
Adjusting wrench	91A-21	91A-21	91-21	91A-26	91A-26	91-26	91-18½
Checking liquid (liquid measure)	25½ oz.	25½ oz.	33½ oz.	33½ oz.	33½ oz.	52 oz.	14½ oz.

RIXSON

DOUBLE-ACTING FLOOR CHECKS No. 30 AND No. 40

See illustration of check case, part No. 1A, for location of month and year when manufactured.
Always give catalog number and manufactured date of check when ordering parts.





DOUBLE-ACTING FLOOR CHECKS No. 30 AND No. 40

See illustration of check case, part No. 1A for location of month and year when manufactured.
Always give catalog number and manufactured date of check when ordering parts.

Name of Part	NO. 30 CHECK		NO. 40 CHECK	
	dated 3-36 and after	dated 2-36 and before	dated 7-36 and after	dated 6-36 and before
Check case	1A-30	1-30	1A-40	1-40
Check case cover	2A-30	2-30	2A-50	2-40
Cement case	3-30	3-30	3-40	3-40
Floor plate—large	4-30	4-30	4-40	4-40
Floor plate—small	5-30	5-30	5-40	5-40
Spindle case nut	6A-30	6-30	6A-40	6-40
Spindle	7A-30	7-30	7A-40	7-40
Spindle checking link pin (2 required)	10-30	10-30	10-40	10-40
Spindle spring link pin (2 required)	10A-30	10A-30	10A-40	10A-40
Spindle shoulder collar	15A-30	15-30	15A-30	15-40
Spindle packing	16A-30	16-30	16A-40	16-40
Spindle packing steel washer	17-30		17-40	
Cylinder	18-30	18-30	18-40	18-40
Cylinder locking screw	19-30	19-30	19-40	19-40
Cylinder plug (6 required)	20-30	20-30	20-40	20-40
Valve adjusting screw, packing washer, nut assembly (2 required). Add "T" if for Threshold	21-30	21-30	21-40	21-40
Valve adjusting screw (2 required)	22-30	22-30	22-40	22-40
Valve adjusting screw (2 required) for Rixson Threshold	22-30-T	22-30-T	22-40-T	22-40-T
Valve packing washer (2 required)	23	23	23	23
Valve nut (2 required)	24-30	24-30	24-40	24-40
Plunger and ball assembled (2 required)	26-30	26-30	26-40	26-40
Plunger (2 required)	27-30	27-30	27-40	27-40
Plunger ball (2 required)	28-30	28-30	28-40	28-40
Plunger ball retainer (2 required)	29-30	29-30	29-40	29-40
Plunger connecting pin (2 required)	31-30	31-30	31-40	31-40
Plunger link (2 required)	32-30	32-30	32-40	32-40
Spring adjuster (2 required)	43-30	43-30	43-40	43-40
Spring adjuster pin (2 required)	43A-30	43A-30	43A-40	43A-40
Spring adjuster screws (4 required)	44A-30	44-30	44A-40	44-40
Spring adjuster cork gaskets (2 required)	46-30	46-30	46-40	46-40
Spring carrier—upper	48-30	48-30	48-40	48-40
Spring carrier—lower	49-30	49-30	49-40 handed	49-40 handed
Spring carrier rivet	50-30	50-30	50-40	50-40
Spring post	51-30	51-30	51-40	51-40
Spring post pin	52-30	52-30	52-40	52-40
Spring—right hand	54R-30	54R-30	54R-40	54R-40
Spring—left hand	54L-30	54L-30	54L-40	54L-40
Spring link assembly—short	56-30	56-30	56-40	56-40
Spring link assembly—long	57-30	57-30	57-40	57-40
Spring link—short	59-30	59-30	59-40	59-40
Spring link—long	60-30	60-30	60-40	60-40
Spring link side plate (handed—2 pair required)	61-30	61-30	61-40	61-40
Spring link large rivet (2 required)	62-30	62-30	62-40	62-40
Spring link small rivet (2 required)	63-30	63-30	63-40	63-40
Section link (2 required)	64-30	64-30	64-40	64-40
Spring link swivel	65-30 1 required	65-30 1 required	65-40 2 required	65-40 2 required
Spring link swivel rivet	66-30 1 required	66-30 1 required	66-40 2 required	66-40 2 required
R. H. spring link adjusting screw	67-30	67-30	67-40	67-40
L. H. spring link adjusting screw	68-30	68-30	68-40	68-40
Lower spindle bearing ball race	70-30		70-40	
Lower spindle bearing balls	71A-40 10 required	71-30 11 required	71A-40 10 required	71-40 11 required
Upper spindle roller bearing	72-30		72-40	
Arm	73-30	73-30	73-40	73-40
Arm plate	78-30	78-30	78-40	78-40
Arm alignment screws (2 required)	79-30	79-30	79-40	79-40
Arm alignment screw washers (2 required)	80	80	80	80
Top pivot—jamb portion	81A-30 5-30 and after	81-30 4-30 and before	81A-40 5-30 and after	81-40 4-30 and before
Top pivot—door portion	82A-30 5-30 and after	82-30 4-30 and before	82A-40 5-30 and after	82-40 4-30 and before
Top pivot pin	83A-30 5-30 and after	83-30 4-30 and before	83A-40 5-30 and after	83-40 4-30 and before
Top pivot finish plate	85-30	85-30	85-40	85-40
Top pivot fork	86-03	86-30	86-40	86-40
Top pivot fork rivet	87-30	87-30	87-40	87-40
Top pivot retracting screw	88-30	88-30	88-40	88-40
Adjusting wrench	91-30	91-30	91-40	91-40
Checking liquid (liquid measure)	37 ½ oz.	37 ½ oz.	72 oz.	72 oz.

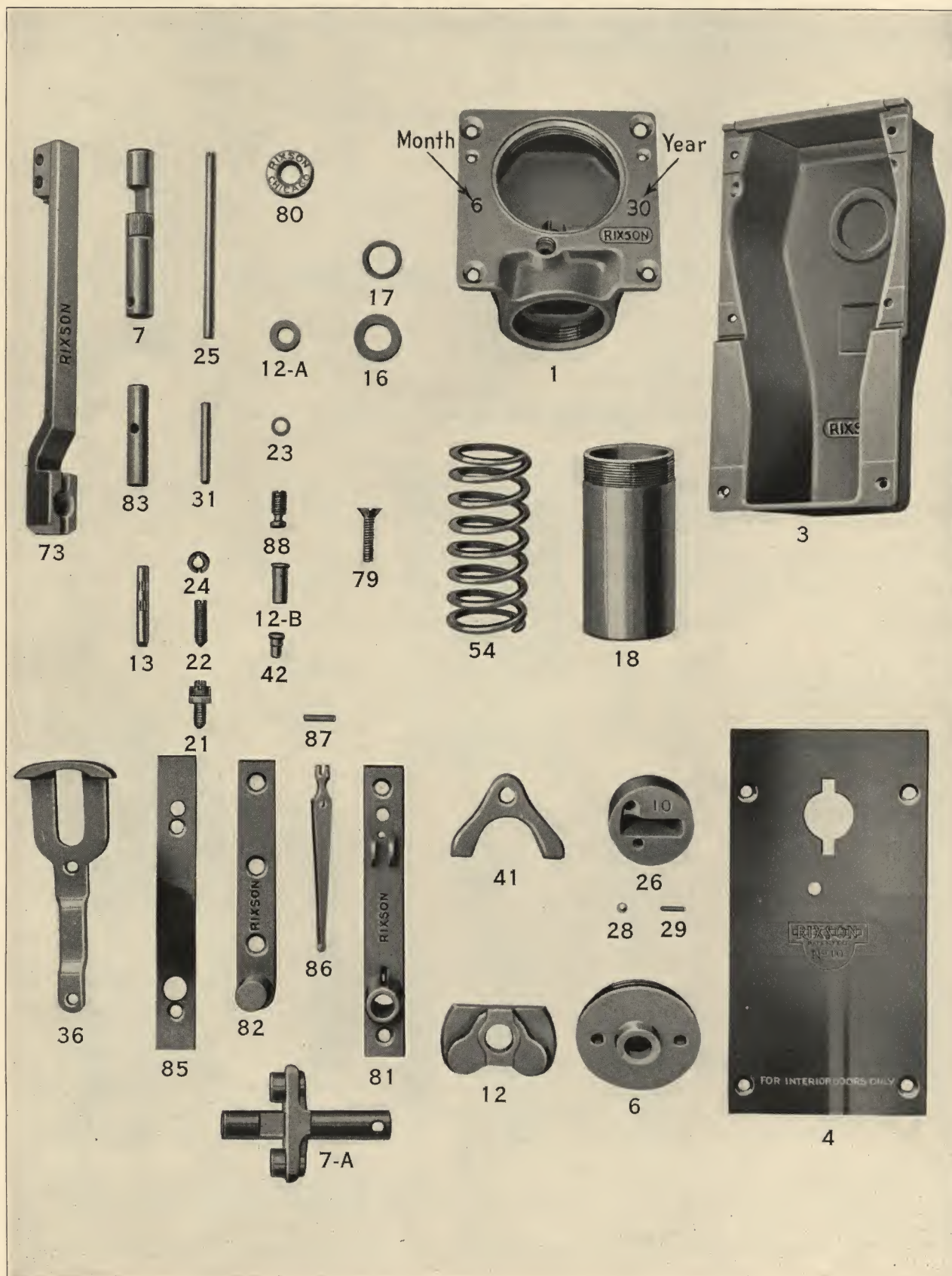


OLD STYLE DOUBLE-ACTING FLOOR CHECKS No. 10, No. 12, No. 15, No. 16

See illustration of check case, part No. 1, for location of month and year when manufactured.

Always give catalog number and manufactured date of check when ordering parts.

Manufacture of Old Style Nos. 10, 12, 15, 16 floor checks discontinued July, 1930.





OLD STYLE DOUBLE-ACTING FLOOR CHECKS No. 10, No. 12, No. 15, No. 16

See illustration of check case, part No. 1, for location of month and year when manufactured.

Always give catalog number and manufactured date of check when ordering parts.

Manufacture of Old Style Nos. 10, 12, 15, 16 floor checks discontinued July, 1930.

Name of Part	Holdopen No. 10	Non-Holdopen No. 12	Holdopen No. 15	Non-Holdopen No. 16
Case	1-10	1-12	1-15	1-16
Cement case	3-10	3-12	3-15	3-16
Floor plate	4-10	4-12	4-15	4-16
Spindle case nut	6-10	6-12	6-15	6-16
Spindle	7-10	7-12	7-15	7-16
Spindle, block and roller assembly	7A-10	7A-12	7A-15	7A-16
Spindle block	12-10	12-12	12-15	12-16
Spindle block roller (2 required)	12A-10	12A-12	12A-15	12A-16
Spindle block roller rivet (2 required)	12B-10	12B-12	12B-15	12B-16
Spindle pin	13-10	13-12	13-15	13-16
Spindle packing	16-10	16-12	16-15	16-16
Spindle packing steel washer	17-10	17-12	17-15	17-16
Cylinder	18-10	18-12	18-15	18-16
Valve adjusting screw, packing washer, nut assembly	21-10	21-12	21-15	21-16
Valve adjusting screw	22-10	22-12	22-15	22-16
Valve screw packing washer	23	23	23	23
Valve screw packing nut	24-10	24-12	24-15	24-16
Valve tube	25-10	25-12	25-15	25-16
Plunger and ball assembled	26-10	26-12	26-15	26-16
Plunger	27-10	27-12	27-15	27-16
Plunger ball	28-10	28-12	28-15	28-16
Plunger ball retainer	29-10	29-12	29-15	29-16
Plunger connecting pin	31-10	31-12	31-15	31-16
Draw bar	36-10	36-12	36-15	36-16
Draw bar rocker	41-10	41-12	41-15	41-16
Draw bar rocker rivet	42-10	42-12	42-15	42-16
Spring	54-10	54-12	54-15	54-16
Arm	73-10	73-12	73-15	73-16
Arm alignment screw (2 required)	79-10	79-12	79-15	79-16
Arm alignment screw washer (2 required)	80	80	80	80
Top pivot—jamb portion	81-10	81-12	81-15	81-16
Top pivot—door portion	82-10	82-12	82-15	82-16
Top pivot pin	83-10	83-12	83-15	83-16
Top pivot finish plate	85-10	85-12	85-15	85-16
Top pivot fork	86-10	86-12	86-15	86-16
Top pivot fork rivet	87-10	87-12	87-15	87-16
Top pivot retracting screw	88-10	88-12	88-15	88-16
Checking liquid (liquid measure)	11 oz.	11 oz.	12 oz.	12 oz.



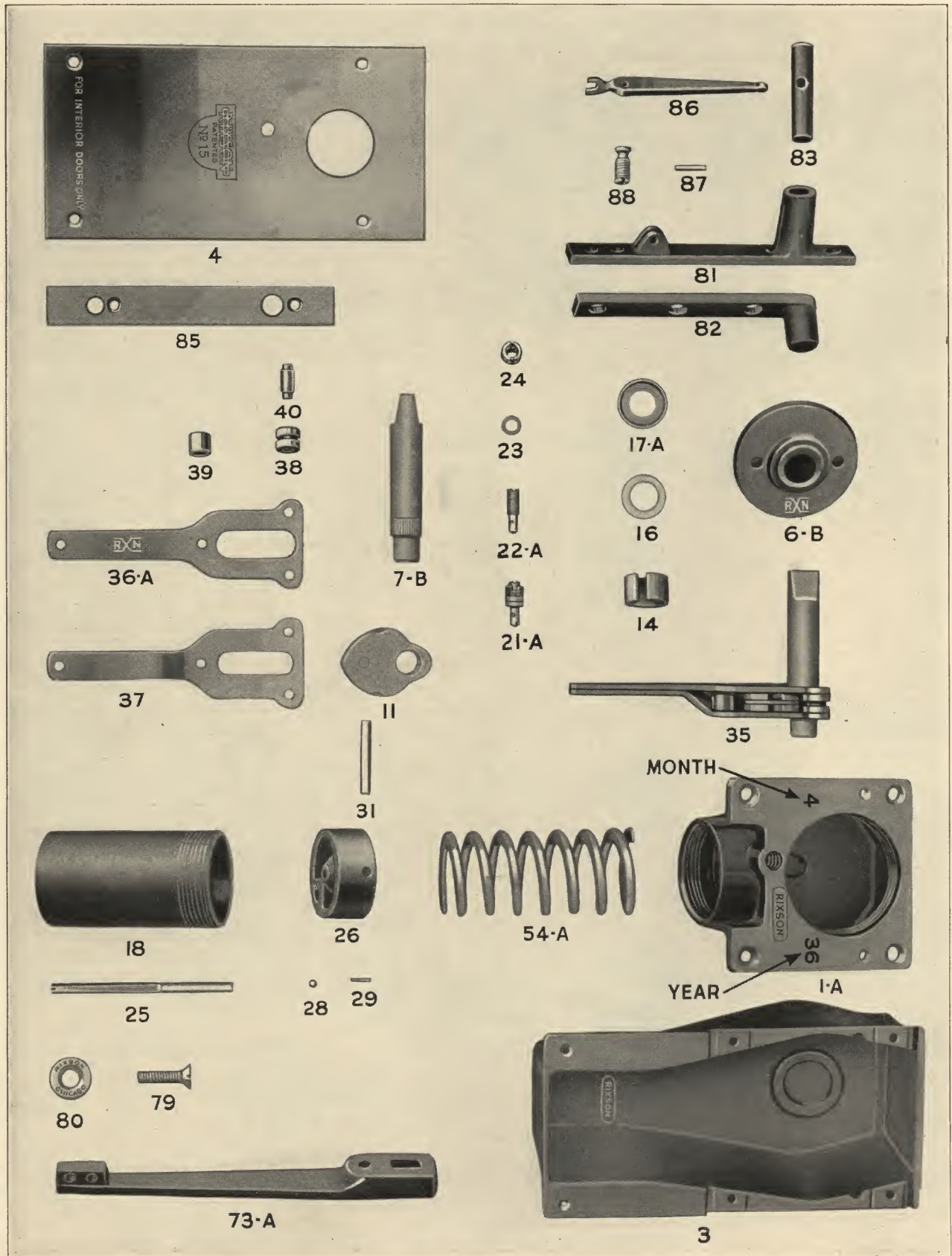
NEW IMPROVED

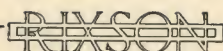
DOUBLE-ACTING FLOOR CHECKS No. 10, No. 12, No. 15 AND No. 16

See illustration of check case, part No. 1A, for location of month and year when manufactured.

Always give catalog number and manufactured date of check when ordering parts.

New Improved Double-Acting Floor Checks Nos. 10, 12, 15, 16, have been manufactured since July, 1930.





NEW IMPROVED DOUBLE-ACTING FLOOR CHECKS No. 10, No. 12, No. 15 AND No. 16

See illustration of check case, part No. 1A, for location of month and year when manufactured.

Always give catalog number and manufactured date of check when ordering parts.

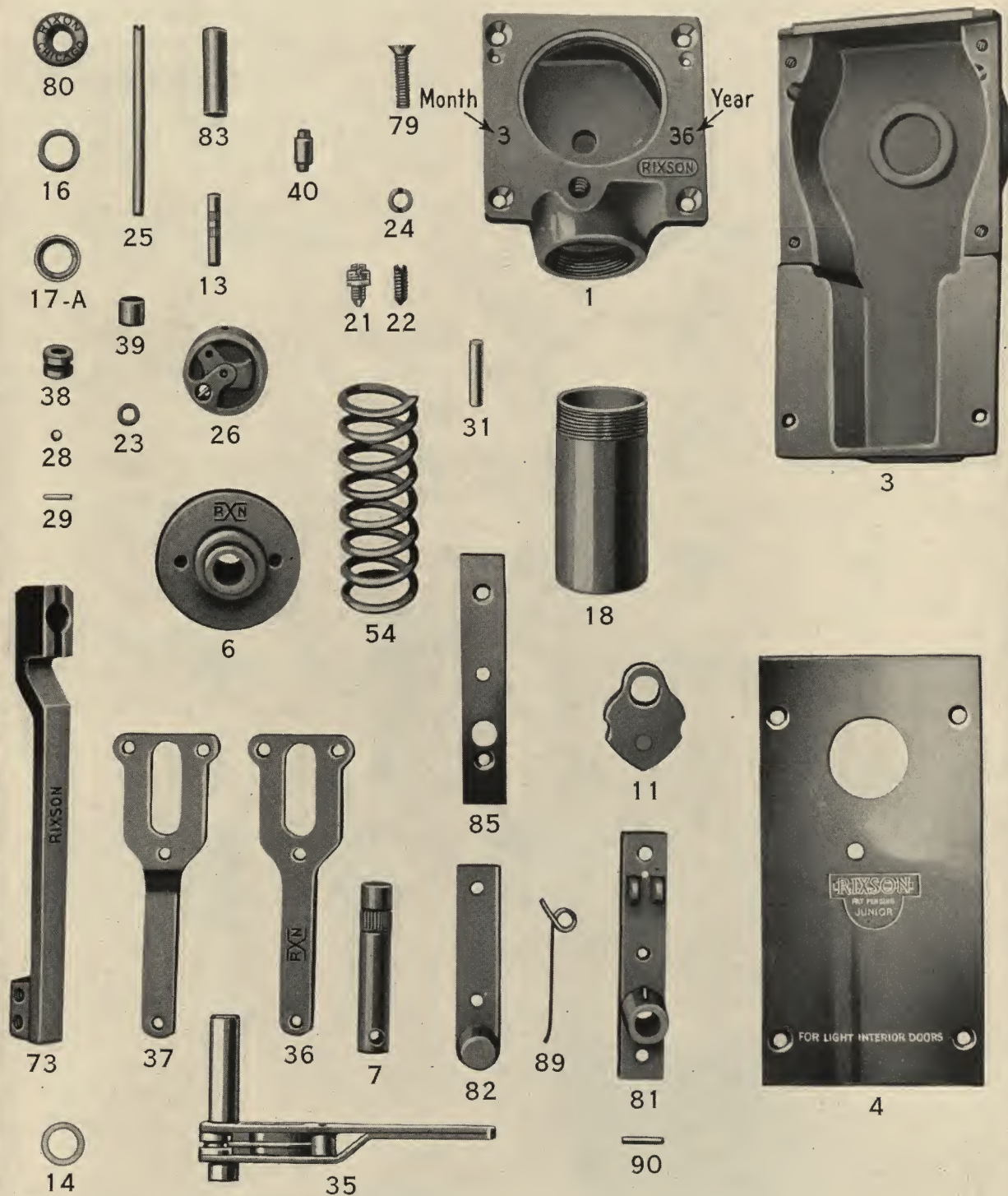
New Improved Double-Acting Floor Checks Nos. 10, 12, 15, 16, have been manufactured since July, 1930.

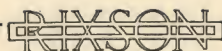
Name of Part	Holdopen No. 10		Non-Holdopen No. 12		Holdopen No. 15		Non-Holdopen No. 16	
Case	1A-10		1A-12		1A-15		1A-16	
Cement case	3-10		3-12		3-15		3-16	
Floor plate	4-10		4-12		4-15		4-16	
Spindle case nut	6B-10 12-32 & after	6A-10 11-32 & before	6B-12 12-32 & after	6A-12 11-32 & before	6B-15 12-32 & after	6A-15 11-32 & before	6B-16 12-32 & after	6A-16 11-32 & before
Spindle	7B-10		7B-12		7B-15		7B-16	
Spindle cam	11-10		11-12		11-15		11-16	
Spindle spacer collar	14-10		14-12		14-15		14-16	
Spindle packing	16-10		16-12		16-15		16-16	
Spindle packing steel washer	17A-10 12-32 & after	17-10 11-32 & before	17A-12 12-32 & after	17-12 11-32 & before	17A-15 12-32 & after	17-15 11-32 & before	17A-16 12-32 & after	17-16 11-32 & before
Cylinder	18-10		18-12		18-15		18-16	
Valve adjusting screw, packing washer, nut assembly, Add "T" if for threshold	21A-10		21A-12		21A-15		21A-16	
Valve adjusting screw	22A-10		22A-12		22A-15		22A-16	
Valve adj. screw for Rixson Threshold	22A-10-T		22A-12-T		22A-15-T		22A-16-T	
Valve screw packing washer	23		23		23		23	
Valve screw packing nut	24-10		24-12		24-15		24-16	
Valve tube	25-10		25-12		25-15		25-16	
Plunger and ball assembled	26-10		26-12		26-15		26-16	
Plunger	27-10		27-12		27-15		27-16	
Plunger ball	28-10		28-12		28-15		28-16	
Plunger ball retainer	29-10		29-12		29-15		29-16	
Plunger connecting pin	31-10		31-12		31-15		31-16	
Draw bar, spindle, cam, assembly	35-10		35-12		35-15		35-16	
Draw bar—straight	36A-10		36A-12		36A-15		36A-16	
Draw bar—bent	37-10		37-12		37-15		37-16	
Draw bar grooved roller (2 required)	38-10		38-12		38-15		38-16	
Draw bar straight roller	39-10		39-12		39-15		39-16	
Draw bar roller rivet (3 required)	40-10		40-12		40-15		40-16	
Spring	54A-10		54A-12		54A-15		54A-16	
Arm	73A-10		73A-12		73A-15		73A-16	
Arm alignment screw (2 required)	79-10		79-12		79-15		79-16	
Arm alignment screw washer (2 required)	80		80		80		80	
Top pivot—jamb portion	81-10		81-12		81-15		81-16	
Top pivot—door portion	82-10		82-12		82-15		82-16	
Top pivot pin	83-10		83-12		83-15		83-16	
Top pivot finish plate	85-10		85-12		85-15		85-16	
Top pivot fork	86		86		86		86	
Top pivot fork rivet	87-10		87-12		87-15		87-16	
Top pivot retracting screw	88		88		88		88	
Checking liquid (liquid measure)	11 oz.		11 oz.		12 oz.		12 oz.	

RIXSON
OR
RIXSON

JUNIOR DOUBLE-ACTING FLOOR CHECK

See illustration of check case, part No. 1, for location of month and year when manufactured.
Always give catalog number and manufactured date of check when ordering parts.





JUNIOR DOUBLE-ACTING FLOOR CHECK

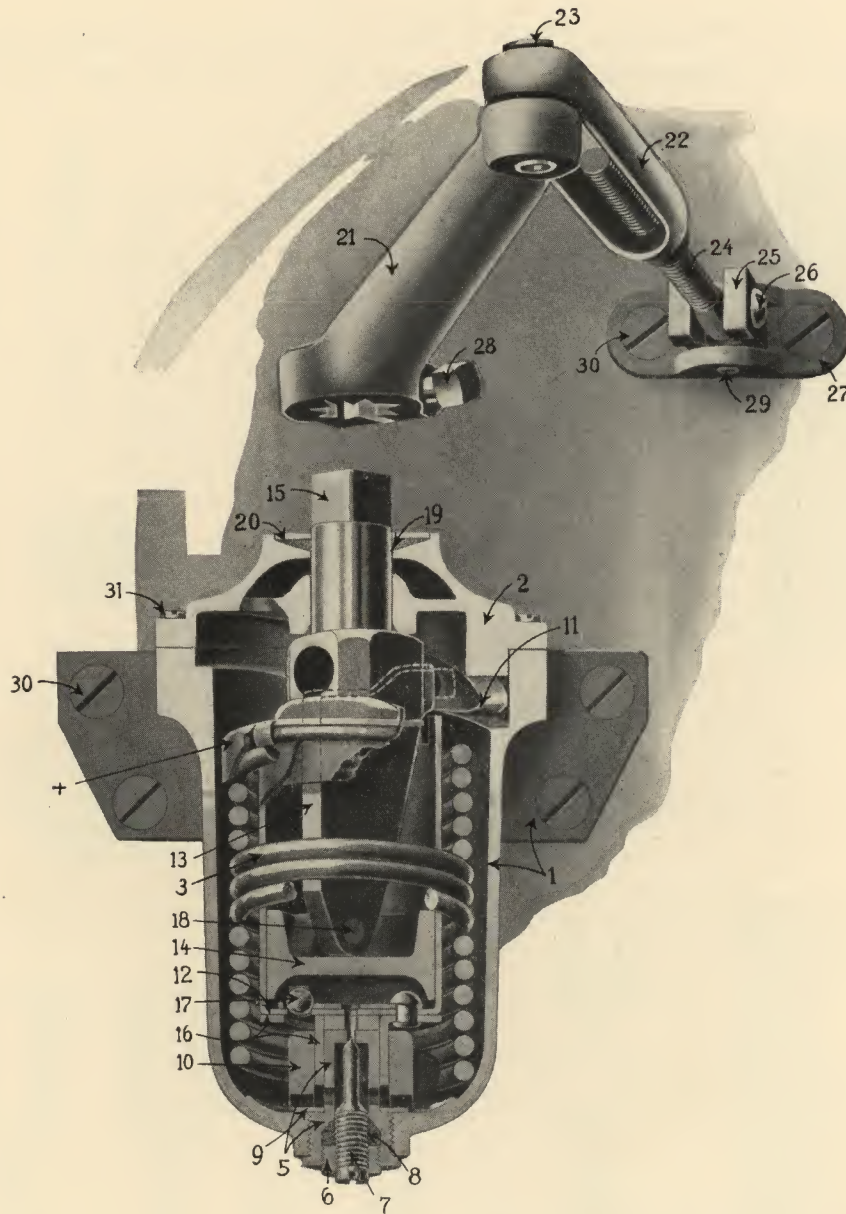
See illustration of check case, part No. 1, for location of month and year when manufactured.

Always give catalog number and manufactured date of check when ordering parts.

Name of Part	Part Number	
Check case	1-jr.	
Cement case	3-jr.	
Floor plate	4-jr.	
Spindle case nut	6-jr.	
Spindle	7-jr.	
Spindle cam	11-jr.	
Spindle pin	13-jr.	
Spindle spacer collar	14-jr.	
Spindle packing	16-jr.	
Spindle packing steel washer	17A-jr. 12-32 and after	17-jr. 11-32 and before
Cylinder	18-jr.	
Valve adjusting screw, packing washer, nut assembly	21-jr.	
Valve adjusting screw	22-jr.	
Valve screw packing washer	23	
Valve screw packing nut	24-jr.	
Valve tube	25-jr.	
Plunger and ball assembled	26-jr.	
Plunger	27-jr.	
Plunger ball	28-jr.	
Plunger ball retainer	29-jr.	
Plunger connecting pin	31-jr.	
Draw bar assembly	35-jr.	
Draw bar—straight	36-jr.	
Draw bar—bent	37-jr.	
Draw bar grooved roller (2 required)	38-jr.	
Draw bar straight roller	39-jr.	
Draw bar roller rivet (3 required)	40-jr.	
Spring	54-jr.	
Arm	73-jr.	
Arm alignment screw (2 required)	79-jr.	
Arm alignment screw washer (2 required)	80	
Top pivot—jamb portion	81-jr.	
Top pivot—door portion	82-jr.	
Top pivot pin	83-jr.	
Top pivot finish plate	85-jr.	
Top pivot spring	89-jr.	
Top pivot spring rivet	90-jr.	
Checking liquid (liquid measure)	7-oz.	

SINGLE-ACTING DOOR CHECK

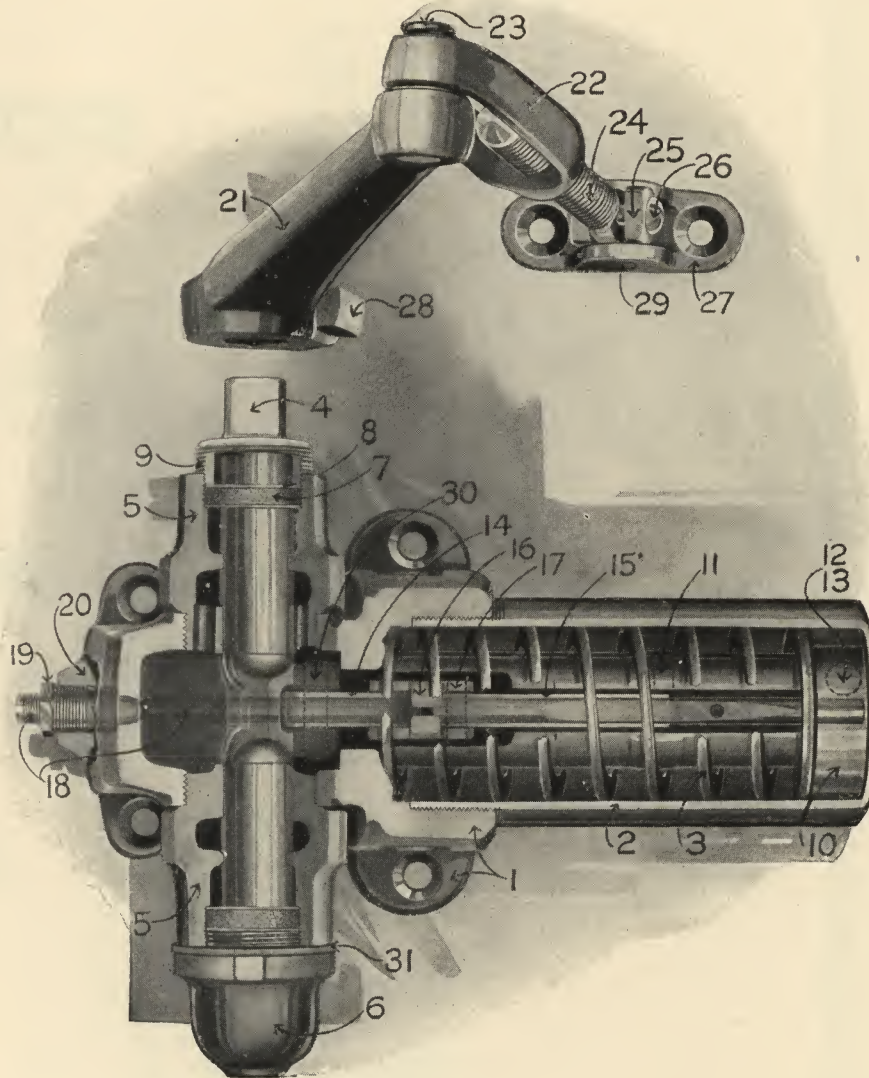
SIZES 1 TO 6



- | | |
|---------------------------|----------------------------|
| 1. Case. | 17. Plunger Ball. |
| 2. Cover. | 18. Plunger Pin. |
| 3. Spring. | 19. Cork Packing Washer. |
| 4. Upper Spring Carrier. | 20. Follow Washer. |
| 5. Bearing Sleeve. | 21. Main Arm. |
| 6. Valve Nut. | 22. Loop. |
| 7. Valve Screw. | 23. Loop Rivet. |
| 8. Valve Washer. | 24. Screw Rod. |
| 9. Spindle Bottom Washer. | 25. Connector. |
| 10. Lower Spring Casting. | 26. Connector Screw. |
| 11. Diamond Block. | 27. Anchor. |
| 12. Shell Assembly Only. | 28. Arm Screw. |
| 13. Plunger Link. | 29. Anchor Rivet. |
| 14. Plunger. | 30. Attaching Screws. |
| 15. Spindle. | 31. Cover Screws. |
| 16. Shell Bottom. | 32. Arm Wrench (Not Shown) |

SINGLE-ACTING DOOR CHECKS

SIZES A TO E



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|-----------------------------------|------------------------|
| 1. Case. | 16. Link Plate. |
| 2. Shell. | 17. Link Rivet. |
| 3. Spring. | 18. Valve. |
| 4. Eccentric. | 19. Valve Nut. |
| 5. Nut. | 20. Valve Washer. |
| 6. Cap. | 21. Main Arm. |
| 7. Cork Packing Washer. | 22. Loop. |
| 8. Follow Washer. | 23. Arm Stud. |
| 9. Sleeve. | 24. Screw Rod. |
| 9A Packing Spring.
(Not Shown) | 25. Connector. |
| 10. Plunger. | 26. Connector Screw. |
| 11. Plunger Pin. | 27. Anchor Plate. |
| 12. Plunger Ball. | 28. Arm Screw. |
| 13. Ball Retainer. | 29. Anchor Rivet. |
| 14. Short Link. | 30. Eccentric Rivet. |
| 15. Long Link. | 31. Cap Washer. |
| | 32. Wrench (not shown) |

LIST OF PARTS FOR DOUBLE-ACTING DOOR CHECK No. 44

Always give catalog number when ordering parts.

Name of Part	No. 44
Case	1-44
Spindle case nut	6-44
Spindle	7-44
Spindle packing	16-44
Spindle packing steel washer	17-44
Spindle packing nut	17A-44
Spindle packing spring	17B-44
Cylinder	18-44
Valve screw assembly (2 required)	21-44
Valve adjusting screw (2 required)	22-44
Valve packing washer (2 required)	23
Valve screw nut (2 required)	24-44
Valve tube and rocker	25-44
Plunger and ball assembled	26-44
Plunger	27-44
Plunger ball	28-44
Plunger ball retainer	29-44
Plunger connecting pin	31-44
Plunger link	32-44
Plunger link strap	33-44
Plunger link strap rivet	34-44
Interlocking side jamb pivot—jamb portion	81-44
Interlocking side jamb pivot—door portion	82-44
Interlocking top pivot—jamb portion	81A-44
Interlocking top pivot—door portion	82A-44
Screw arm assembly	93-44
Anchor plate	94-44
Main arm	95-44
Arm block	96-44
Arm rivet	97-44
Spindle rivet	98-44
Arm screw rod	99-44
Arm screw rod washer	100-44
Screw arm	101-44
Arm swivel	102-44
Swivel pin	103-44
Swivel washer	104-44
Checking liquid (liquid measure)	7-oz.







